COMMONWEALTH BUREAU OF
THE WHITE HOUSE,
ST. PETER'S STREET,
ST. ALBANS, HERTS.

UNITED STATES DEPARTMENT OF AGRICULTURE

INDEX-CATALOGUE

OF

MEDICAL and VETERINARY ZOOLOGY

SUBJECTS: TREMATODA and TREMATODE DISEASES

PART 1: SUPERGENERA and GENERA A and B

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SUBJECTS: TREMATODA and TREMATODE DISEASES
PART 1: SUPERGENERA and GENERA A and B

By
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FOREWORD

This section of the "Index-Catalogue of Medical and Veterinary Zoology" is a revision of Stiles' and Hassall's "Trematoda and Trematode Diseases" (U.S. Public Health Service, Hygienic Laboratory Bulletin No. 37). The compilation was made possible by a grant from the U. S. Public Health Service to the University of Maryland.[1] The purpose was to make available in a convenient form the information contained in the Hygienic Laboratory Bulletin No. 37 (now out of print), the unpublished sections of the "Index-Catalogue of Medical and Veterinary Zoology," and the unpublished sections of the catalogues of the former Zoological Division of the U.S. National Institutes of Health, as well as information added by the revisers. No pretension is made for completeness, and assistance in obtaining additional information is welcomed. The period covered is from the genesis of the catalogues around 1892 through 1960.

The "Index-Catalogue of Medical and Veterinary Zoology" was established in 1892 by the late Dr. Albert Hassall. For many years it was compiled by the Zoological Division of the U.S. Department of Agriculture in cooperation with the Hygienic Laboratory. The names of the contributors have been changed many times, but within the past 25 years the work has been supported entirely by what is currently known as the Beltsville Parasitological Laboratory, Agricultural Research Service of the U. S. Department of Agriculture. Parts 1 through 18, supplements 1 through 12, of the Author Catalogue have been issued by the Department.

Three parasite catalogues have been issued by the Hygienic Laboratory—the "Trematoda" in 1908, the "Cestoda" in 1912, and the "Roundworms" in 1920. In addition, Dr. C. W. Stiles and coworkers have also published several key catalogues representing various sections of the host catalogues.

Users should bear in mind that this is an Index-Catalogue, not a treatise, and should not expect to find reasons for any given entry. Nor does citing of synonymy mean that it is necessarily correct. The same statement holds for hosts, locations, and localities cited. All

[1] This investigation was supported in whole by Public Health Service Research Grant, E4334, from the U.S. National Institute of Allergy and Infectious Diseases to the University of Maryland.

possible care has been taken to make this publication as accurate as possible. However, it must be borne in mind that in a compilation of this scope extending over a period of almost 70 years, and representing the cumulated efforts of many individuals, it is impossible to check every item for accuracy. Host names and localities are those given by the original authors. No attempt has been made to establish correct names in the contemporary sense.

This Index-Catalogue must be used with the Author Catalogue of the series as the bibliographical key. Qualified persons desiring copies of the Author Catalogue may obtain it by submitting a request to the Beltsville Parasitological Laboratory, Beltsville, Md.

This revision will be divided into two sections: The Parasite section and the Checklist of Specific and Subspecific Names. First to be compiled and published will be the Parasite section, to be followed shortly after by the remaining part.

The style of the first edition has been followed with few exceptions, the principal one being that combinations of specific names with subgenera will now be found under the genera in which they have been placed. Subgenera are listed, but the information includes only the reference to the author of the name and type if given. Derivation of scientific names has been eliminated from this edition. All references have been retained with the exception of abstracts or those for which there is no documentation in the Author Catalogue. Any date or item of information enclosed in brackets [ ] has been supplied by the indexer or reviser and in his judgment is correct. Any date enclosed in parentheses ( ) signifies that the reference to the original source is unverified.

Few abbreviations are used, since with the increase in the volume of literature it is impossible for the modern trematodologist to recognize shortened forms of generic, geographical, or author's names. Only standard nomenclatorial abbreviations such as those cited in Schenk and McMasters' "Procedure in Taxonomy" have been used; i.e.,

mt	monotypic
tod	type by original designation
tsd	type by subsequent designation
emend.	emendation
syn.	synonymy

Collective groups for immature forms such as Adolescaria, Agamodistomum, Cercaria, and Metacercaria are treated for convenience as if they were genera. However, they require no type species and have no standing in nomenclature. See the recent ruling on collective group names in Articles 42 and 57 of the new "International Code of Zoological Nomenclature."

The plan of the Parasite section is to list after the name of the family, the genus, or the species, in the following order, the author of that name, the date of publication of the name, pagination, illustrations, items of nomenclatorial significance, the host or hosts, the location within the host, and the locality in which the host was found. After listing all reports by the author of the name, all other references follow in alphabetical order.

The assistance and advice of C. L. Gibson, G. W. Wharton, G. Anastos, C. M. Herman, S. Yamaguti, E. W. Price, G. R. LaRue, J. Humphrey, D. Segal, and M. M. Farr are gratefully acknowledged.

INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY

SUBJECTS: TREMATODA AND TREMATODE DISEASES

Part I

by MILDRED A. DOSS, assisted by KATHARINE FORSYTH ROACH and VIRGINIA L. BREEN

ACAENODERA Manter, H. W.; & Pritchard, M. H., 1960c, 654-655, 658 (tod: A. placophora).

placophora Manter, H. W.; & Pritchard, M. H., 1960c, 654-655, 658, figs. 9-16 (tod) (Conger cinereus; intestine; Hawaii).

ACANTHARIUM Ozaki, Y., 1929b, 93[for Acanthatrium].

(ACANTHATRIUM) Skarbilovich, T. S., 1948a, 402 (tod:A. (A) nycteridis Faust, 1919). --Yamaguti, S., 1958a, 824 (subg. of Prosthodendrium).

ACANTHATRIUM Faust, E. C., 1919f, 209-215 (tod: A. nycteridis). --Bhalerao, G. D., 1936d, 215, 225(as syn. of Prosthodendrium Dollfus). -- Cheng, T. C., 1956a, 286; 1957a, 60, 62-63 (key). --Dollfus, R. P., 1937a, 8, 16.--Fuhrmann, O., 1928b, 115, 116.--Macy, R. W., 1940b, 279, 282-283 (key).-- Northup, F. E., 1928a, 95.--Pande, B. P., 1935b, 87, 97 (as syn. of Lecithodendrium Looss, 1896).--Poche, F., 1926b, 141 (Dicrocoeliidae). -- Sewell, R. B. S., 1922a, 179.--Sogandares-Bernal, F., 1956a, 204 (key).--Srivastava, H. D., 1934b, 255 (Lecithodendriidae, Lecithodendriinae).--Travassos, L. P., 1921b, 74, 77; 1928b, 189, 195; 1929b, 9.--Williams, R. R., 1960a, 323-326(key).--Yamaguti, S., 1939f, 140.

species Etges, F. J., 1959a, 18 (Anaplocamus dilatatus, Hexagenia (exper.), laboratory mice (exper.)).

species Watanabe, A., 1959a, 854, figs. 9-14 (Nyctalus maximus aviator; Hiroshima Prefecture).

alicatai Macy, R. W., 1940b, 279, 281, 282, 285, 286, pl. I, fig. 2, pl. II, fig. 12 (syn.: A. nycteridis Alicata, 1932 nec Faust, 1919) (Eptesicus fuscus; Washington, D.C.).--Cheng, T. C., 1957a, 62, 63.--Skarbilovich, T. S., 1948a, 408, figs. 211-212 (subg.: Acanthatrium).

amphidymum Cheng, T. C., 1957a, 60-61, 62, 63, 64, pl., fig. 1a-b(Eptesicus f. fuscus; Virginia).--Etges, F. J., 1960a, 235, 238, 239 (as syn. of Prosthodendrium[(Acanthatrium)]amphidymum).

beuschleini Cheng, T. C., 1959a, 323-326, pl. 1, figs. 1-3, 5 (Eptesicus f. fuscus; small intestine; Virginia).

eptesici Alicata, J. E., 1932b, 271-274, figs. 1-3 (Eptesicus fuscus; small intestine; Washington, D. C.).--Cheng, T. C., 1957a, 63; 1959b, 112, fig. 1.--Macy, R. W., 1939b, 640; 1940b, 280, 283, 284, 285, pl. I, fig. 3.--Skarbilovich, T. S., 1948a, 408, fig. 213, (subg: Acanthatrium).

hitaensis Koga, Y., (1953a), 791-798, pl., figs. 1-3 (Semisulcospira libertina, Kamimuria tibialis, Oyamis seminigra, Luciola lateralis, Luciola cruciata, rat (exper.)).--Yamaguti, S., 1958a, 824 (Prosthodendrium (Acanthatrium)).

japonicum (Yamaguti, S., 1939) Skarbilovich, T. S., 1948a, 420, fig. 218 (subg.: Mesothatrium).--Cheng, T. C., 1957a, 60, 63, 64, pl., figs. 3a-b.--Sogandares-Bernal, F., 1956a, 204 (as syn. of Mesothatrium japonicum).--Yamaguti, S., 1958a, 811 (as syn. of Lecithodendrium japonicum).

jonesi Sogandares-Bernal, F., 1956a, 202-203, 205, 206, pl. I, figs. 8-9 (Vespertilio superans; intestine; Korea).--Cheng, T. C., 1957a, 63(key).--Yamaguti, S., 1958a, 825(Prosthodendrium (Acanthatrium)).

lunatum Williams, R. R., 1960a, 323-326, pl., figs. 1-4(Eptesicus f. fuscus; small intestine; Ohio).

macyi Sogandares-Bernal, F., 1956a, 202, 205, 206, pl. I, fig. 7(Pipistrellus sp.; small intestine; Korea).--Cheng, T. C., 1957a, 63.--Jones, J. K. (jr.), 1957a, 185 (Pipistrellus savii coreensis; Korea) [subsequent identification of original host].-- Yamaguti, S., 1958a, 825 (Prosthodendrium(Acanthatrium)).

microcanthum Macy, R. W., 1940b, 280-281, 282, 284, 285, 286, pl. I, figs. 7, pl. II, fig. 8, 10-11(Eptesicus fuscus; small intestine; Minnestoa).--Cheng, T. C., 1957a, 63.--Skarbilovich, T. S., 1948a, 411, figs. 214, 214a, 214b(subg. Acanthatrium).--Yamaguti, S., 1958a, 824 (Prosthodendrium (Acanthatrium)).

molossidis Martin, W. E., 1934a, 335 (Molossus sinaloae; Honduras).--Cheng, T. C., 1957a, 62, 63(key).--Macy, R. W., 1939b, 641; 1940b, 281-282, 284, 285, pl. I, fig. 4-6.--Skarbilovich, T. S., 1948a, 411, figs. 215, 215a, 215b (subg. Acanthatrium).

nycteridis Alicata, 1932 nec Faust, 1919; Macy, R. W., 1940b, 281 (as syn. of A. alicatai n. sp.).

nycteridis Faust, E. C., 1919f, 209-215, fig. 1, pl. 20 (Nycteris borealis-borealis; small intestine; Urbana, Illinois); 1922c, 259; 1932d, 465, 466, fig. 19.--

Bhalerao, F., 1926a, 182, 185, 187, 190 (Burma); 1926b, 302.--Cheng, T. C., 1957a, 62, 63.--Macy, R. W., 1939a, 640-641; 1940b, 281, 282, 284, 286, pl. II, fig. 9.--Northup, F. E., 1928a, 95.--Rankin, J. S. (jr.), 1946b, 758, 760 (Myotis l. lucifugus; Massachusetts).-- Sewell, R. B. S., 1922a, 179, 350.--Skarbilovich, T. S., 1948a, 402, 407, figs. 209-209a (Nycteridis b. borealis; U.S.A.) (subg. Acanthatrium).-- Travassos, L. P., 1921h, 77.--Yamaguti, S., 1958a, 824 (Prosthodendrium (Acanthatrium)).

nycteridis plicati Bhalerao, G., 1926a, 182, 193, 194, pl. 2, fig. 5 (Nyctinomus plicatus; Burma).--Skarbilovich, T. S., 1948a, 408, fig. 210 (subg. Acanthatrium). Yamaguti, S., 1958a, 824 (Prosthodendrium (Acanthatrium)).

oligacanthum Cheng, T. C., 1957a, 61, 62 63, 64, pl., figs. 2 a-b (Eptesicus f. fuscus; Virginia); 1959b, 111-113, fig. 2 (histology).--Etges, F. J., 1960a, 235, 238, 239, (as syn. of Prosthodendrium [(Acanthatrium)] oligacanthum).

oregonense Macy, R. W., 1939b, 640-641, figs. 1-2 (Myotis californicus caurinus, M. evotis evotis; Oregon); 1940b, 282; 1947a, 375, 378 (Myotis evotis evotis; M. californicus caurinus; Oregon).--Cheng, T. C., 1957a, 62, 63.--Hall, J. E., 1960a, 243.--Knight, R. A.; & Pratt, I., 1955a, 248, 249, 251-253, 254, 255, pl., figs. 1-5 (Myotis lucifugus, Oxytrema silicula, Limnophilus (larvae); Oregon; hamster (exper.)).--Skarbilovich, T. S., 1948a, 412 (subg. Acanthatrium).--Yamaguti, S., 1958a, 824, (Prosthodendrium (Acanthatrium)).

ovale Macy, R. W., 1940b, 282 [for A. ovatum Yamaguti, 1939].

ovatum Yamaguti, S., 1939f, 131, 137-138, fig. 4 (Rhinolophus ferrum - equinum nippon; Japan); 1954f, 395-396 (Glirulus japonicus; Sintaka, Japan).--Cheng, T. C., 1957a, 62, 63.--Macy, R. W., 1940b, 282.--Ogata, T., 1941a, 322 (as syn. of Lecithodendrium ovatum).-- Skarbilovich, T. S., 1948a, 412, fig. 216 (subg. Acanthatrium).--Yamaguti, S., 1958a, 824 (Prosthodendrium (Acanthatrium)).

pipistrelli Macy, R. W., 1940b, 279-280, 282, 283, 284, 285, pl. I, fig. 1, text fig. 1 (Pipistrellus subflavus; small intestine; Minnesota).--Britt, H. S., 1947a, 280, 282, 290, fig. 6A-C, 41 (Myotis sp.).--Cheng, T. C., 1957a, 63; 1959b, 111-113 (histology).--Skarbilovich, T. S., 1948a, 419, fig. 217 (subg. Acanthatrium). Yamaguti, S., 1958a, 824 (Prosthodendrium (Acanthatrium)).

sogandaresi Coil, W. H.; & Kuntz, R. E., 1958a, 62, 64, fig. 2 (Plecotus auritus; Turkey).--Cheng, T. C., 1959d, 323, 325, 326, pl. 1, fig. 4 (reproductive system).

sphaerula (Looss, 1896) Travassos, L. P., 1921h, 77.-- Bhalerao, G. D., 1926b, 302.--Cheng, T. C., 1957a, 63.--Macy, R. W., 1939b, 640; 1940b, 282; Northup, F. E., 1928a, 95.--Sewell, R. B. S., 1922a, 179.--Skarbilovich, T. S., 1948a, 419 (subg. Acanthatrium) (as syn. of Lecithodendrium sphaerula Looss, 1896).--Yamaguti, S., 1958a, 824 (Prosthodendrium (Prosthodendrium)).

(ACANTHOCEPHALA) Diesing, K. M., 1858d, 253-255 (subg. of Cercaria) [not Acanthocephala Rudolphi, 1808, worms, order; Acanthocephali Burmeister, 1837, worms, order; Acanthocephalus Koelreuter, 1771, worms, genus; Acanthocephalos Goeze, 1782, for Acanthocephalus, 1771; Acanthocephala Laporte, 1832, hemipteron, genus; Acanthocephalus for Acanthocephala 1832], C. (Xiphidiocercaria), 1855, renamed, hence same type).--Benham, W. B. S., 1901a, 127.--Stiles, C. W., 1912m, 507 (rejected name).

ACANTHOCHASMIDAE Nicoll, W., 1914g, 472, 488.--Fuhrmann, O., 1928b, 105 (as syn. of Acanthostomidae Poche).--- Morozov, F. N., 1955a, 249-315 (as syn. of Acanthostomatidae Poche, 1925) (includes: Anisocoeliinae Price, 1940, Isocoeliinae Price, 1940, Brientrematinae Dollfus, 1950, Oesophagicolinae Yamaguti, 1933, Acanthostomatinae Nicoll, 1914).--Ward, H. B., 1917c, 5; 1918a, 391.--Witenberg, G. G., 1929b, 138.

ACANTHOCHASMINAE Nicoll, W., 1915c, 347.--Price, E. W., 1940c, 9-10 (as syn. of Acanthostominae Nicoll, 1914).

ACANTHOCHASMUS Looss, A., 1900d, 603 (=Acanthostomum Looss, 1899 [nec Acanthostoma Kriechbaumer, 1895, insect] renamed, hence type spiniceps); 1901e, 595, 629, 634, 659; 1902m, 441, 780, 808, 838.--Braun, M. G. C. C., 1901b, 34, 35, 36; 1902b, 30.--Fuhrmann, O., 1928b, 105 (as syn. of Acanthostomum Looss).--Luehe, M. F. L., 1908a, 431.--Odhner, T., 1902e, 23, 25, 37; 1902c, 159; 1910d, 47.--Poche, F., 1926b, 165 (syn. of Acanthostomum Looss, not preoccupied by Acanthostoma Kriechbaumer).--Pratt, H. S., 1902a, 888, 894 (key).--Van Cleave, H. J., 1922a, 1, 6.--Yamaguti, S., 1958a, 235.

absconditus Looss, A., 1901e, 631-632, fig. 8, (Bagrus docmac, B. bayad).--Bhalerao, G., 1926e, 13.--Stossich, M., 1905i, 226.

americanus Pérez Vigueras, I., 1957a, 23-26, fig. 15 (Crocodylus acutus; intestine; Prov. de Matanzas).

burminis Bhalerao, G., 1926e, 10-13, fig.

2 (Tripidonotus piscator); 1926a, 195 (Tropidonotus piscator; Burma).--Thapar, G.S.; & Ali, F., 1929a, 196; 1929b, 251(Tropidonotus piscator; small intestine; Lucknow).

coronarius (Cobbold, 1861) Braun, M.G.C.C., 1901b, 35, 36.--Odhner, T., 1902e, 25(alligator).--Stossich, M., 1905i, 227.--Ward, H.B., 1918a, 391.

diploporus Stunkard, H. W., 1931a, 719, 720, 721, 722-723, fig. 1-2 (Alligator mississippiensis); 1938d, 40 (as syn. of Acanthostomum diploporum (Stunkard, 1931)).--Baugh, S. C., [1957c], 305 (as syn. of Proctocaecum diploporus (Stunkard, 1931).--Canavan, W.P.N., 1933a, 508 (Alligator mississippiensis).--Morozov, F. N., 1955a, 280(as syn. of Atrophecoecum diploporum).

gonotyl Dollfus, R.P.F., 1950a, 7, 14-19, figs. 3-6(Crocodilus niloticus; intestine; Belgian Congo).--Morozov, F.N., 1955a, 264-265, fig. 70(as syn. of Acanthostomum gonotyl (Dollfus, 1950)).

gymnarchi Dollfus, R.P.F., 1950a, 7, 13, 19-20, fig. 9 (Gymnarchus niloticus; Haut-Nil).--Morozov, F.N., 1955a, 303-304, fig. 83 (as syn. of Gymnatrema gymnarchii (Dollfus, 1950)).

imbutiformis (Molin, 1859, partim) Looss, A., 1901e, 632-633, 634, fig. 9 (Dentex vulgaris, Labrax lupus; intestine; Egyptian coast & Triest).-- Bhalerao, G., 1926c, 13.--Carrère, P., 1938a, 1994-1996 (Labrax lupus, Atherina; étangs d'eau saumâtre de la Camargue, Tripidonotus natrix L. (exper.)).--Chernyshenko, A. S., 1949a, 82-83, fig. 3 (Syngnathus nigrolineatus, Siphonostomus typhle; Black Sea); 1955a, 214(Syngnathus typhle; intestine; Odessa bay).--Nicoll, W., 1914g, 488 (Labrax lupus, Siphonostoma typhle (larval stage), Gadus merlangus (larval stage)).--Odhner, T., 1902e, 25.--Stossich, M., 1905i, 226.

inermis Stossich, M., 1905i, 223-225, 227(Dentex vulgaris; Triest).--Odhner, T., 1911h, 523.

loossi Pérez Vigueras, I., 1957a, 21-23 fig. 50 (Crocodylus acutus; intestine; Prov. de Matanzas).

praeteritus Looss, A., 1901e, 633-634, fig. 10 (Chrysophrys aurata, Corvina nigra, Labrax lupus; first half of intestine; Triest & Egyptian coast).--Stossich, M., 1905i, 227.

productus Odhner, T., 1902e, 24, 25 (Nilkrokodil; Sudan).--Bhalerao, G. D., 1926c, 13.--Dollfus, R.P.F., 1950a, 7, 13, 17, 18, fig. 7.--Hughes, R. C.; Higginbotham, J.W.; & Clary, J.W., 1942a, 117 (Crocodylus niloticus; Sudan) (as syn. of Acanthostomum productum (Odhner, 1902)).--Stossich, M., 1905i, 227.

quaesitus Nicoll, W., 1918d, 372-373 (sp. inq.) (Crocodilus johnstoni; Armadale, N. Queensland).--Hughes, R. C.; Higginbotham, J.W.; & Clary, J.W., 1942a, 117 (as syn. of Acanthostomum quaesitum (Nicoll, 1918)).

scyphocephalus (Braun, 1899) Braun, M. G.C.C., 1901b, 35, fig. 14.--Hughes, R.C.; Higginbotham, J.W.; & Clary, J. W., 1942a, 117 (as syn. of Acanthostomum scyphocephalus (Braun, 1899)).--Odhner, T., 1902e, 25.--Stossich, M. 1905i, 227.

spiniceps (Looss, 1896) Looss, A., 1901e, May 4, 629-631, fig. 7 (Bagrus docmac, B. bayad, intestine).--Bhalerao, G.D., 1926e, 13.--Braun, M.G.C.C., 1901a, 35, 36.--Dollfus, R. P. F., 1932e, 555, 559-560 (Bagrus filamentosus, Chrysichthys furcatus; intestine; Niger en amont du lac Débo) (syn.: Acanthostoma spiniceps (Looss, 1896) Looss, 1899; Distoma spiniceps Looss, 1896).--Odhner, T., 1902e, 25.--Pogorel'tseva, T.P., 1952a, 34-35, fig. 5 (Mullus barbatus ponticus; intestine; Black Sea).--Stossich, M., 1905i, 226.

vicinus Odhner, T., 1902e, 24-25(Nilkrokodil; Sudan).--Bhalerao, G.D., 1926e, 13.--Dollfus, R.P.F., 1950a, 7, 13, 17, 18, fig. 8.--Hughes, R.C.; Higginbotham, J. W.; & Clary, J. W., 1942a, 117 (Crocodilus niloticus; Sudan)(as syn. of Acanthostomum vicinum(Odhner, 1902).--Stossich, M., 1905i, 226.

acanthocolpid metacercaria Hutton, R.F.; & Sogandares-Bernal, F., [1959b], 332 (mullet; Florida).

ACANTHOCOLPIDAE Luehe, M., 1909b, 43, 84.--Bittner, H.; & Sprehn, C.E.W., 1928a, 76.--Caballero y C., E., 1952a, 14pp.; 1952b, 231 pp.; Cable, R. M.; & Hunninen, A. V., 1941c, 14; 1942a, 292, 304-306, 310, 311 (emend.).--Chen, H. T., 1956b, 103.--Fuhrmann, O., 1928b, 104-105.--Ivanov, A.S.; & Murygin, I. I., 1937a, 265.--Martin, W. E., 1939a, 65, 72.--Park, J. T., 1939a, 7, 9.--Poche, F., 1926b, 145.--Skrjabin, K.I., 1954a, 45-224.--Yamaguti, S., 1958a, 206.--Ward, H.B., 1938a, 509, 515-519.

ACANTHOCOLPINAE Luehe, M., 1906b, 99-100; 1908a, 431.-- Caballero y C., E., 1952a, 2-5.--Skrjabin, K.I., 1954a, 49, 50.--Yamaguti, S., 1958a, 206-207.

ACANTHOCOLPUS Luehe, M., 1906b, 100 (tod: A. liodorus); 1908a, 431.--Caballero y C., E., 1952a, 5-6.--Cable, R.M.; & Hunninen, A. V., 1942a, 293, 304.--Fuhrmann, O., 1928b, 105.--Ivanov, A.

S.; & Murygin, I.I., 1937a, 265.--Martin, W. E., 1939b, 65.--Srivastava, H. D., 1939c, 262.--Yamaguti, S., 1958a, 207.--Ward, H. B., 1938a, 515, 516.

indicum Srivastava, H. D., 1939x, 214-215, pl. 18, figs. 2-3 (Sciaena glauca; Karachi, Arabian Sea).--Caballero y C., E., 1952a, 7; 1952b, 6, 9-11, 193.

liodorus Luehe, M., 1906b, 100, 101, pl. 1, figs. 7-8 (tod) (Chirocentrus dorab; intestine; Kalpitiya, Ceylon).--Caballero y C., E., 1952a, 7 (syn.: Acanthocolpus lühei Srivastava, 1939); 1952b, 6-9, 187, 189, figs. 1-3 (emend.).--Srivastava, H. D., 1939x, 213, 214.--Ward, H. B., 1938a, 515, 522, pl. 1, fig. 3.--Yamaguti, S., 1958a, 207 (syn.: A. lühei).

lühei Srivastava, H. D., 1939x, 213-214, 216, pl. 18, fig. 1 (Gerres punctatus; Puri & Karachi, Bay of Bengal & Arabian sea).--Caballero y C., E., 1952a, 7 (as syn. of A. liodorus Lühe, 1906).--Yamaguti, S., 1958a, 207 (as syn. of A. liodorus Luhe, 1906).

orientalis Srivastava, H. D., 1939x, 215-216, pl. 18, fig. 4 (Caranx kalla; intestine; Puri, Bay of Bengal).--Caballero y C., E., 1952a, 7; 1952b, 6, 11-13, 187, fig. 4.

ACANTHOCOTILE Parona, C.; & Perugia, A., 1890, 11, 13 [for Acanthocotyle].

ACANTHOCOTYLE Monticelli, F. S., 1888a, 7, 10, 11, 13, 16, 20, 30, 34, 35, 36, 37, 42, 52, 55, 56, 57, 58, 59, 60, 66, 67 (Achantocotyle), 87 (mt. lobianchi), 97 (in "subf." Tristomidae, key); 1890i, 189, 190, 208, figs. 1-5, pl. 8; 1891, 104, 106, 107, 111, 116; 1892a, Oct. 7, 180, 213 (Tristominae); 1899a, 75-120, pls. 1-3; 1905c, 71, 72, 73, 74, 75; 1907a, 5, 6; 1908b, 12.--Benham, W. B. S., 1901a, 50.--Braun, M. G. C. C., 1890a, 411, 412, 488, 523, 526, 529 (diagnosis); 1891d, 422; 1893a, 889.--Brinkmann, A. (jr.); 1940a, 53, 54, 83; 1940a, 82 (ex parte, as syn. of Empruthotrema Johnston & Tiegs, 1922).--Bykhovskii, B. E., 1937a, 1358, 1359.--Froissant, A., 1930a, 11, 12, 35, fig. 5.--Fuhrmann, O., 1928b, 6, 28.--Gamble, F. W., 1896a, 73; 1901a, 73.--Goto, S., 1899a, 283.--Johnston, T. H., 1929a, 73.--Johnston, T. H.; & Tiegs, O. W., 1922a, 85, 124-125.--Massa, D., 1906a, 45, 48.--Perrier, E., 1897a, 1806.--Poche, E., 1926b, 108.--Pratt, H. S., 1900a, 646, 649 (key), 655, fig. 10, 659.--Price, E. W., 1938c, 188, 189-190.--Scott, T., 1902a, 300, 301.--Sproston, N. G., 1946a, 189, 331.

species Baylis, H. A.; & Jones, E. I., 1933a, 629 (Raja clavata, R. maculata; skin; Plymouth, England).--Sproston, N. G., 1946a, 334.

species Guberlet, J. E., 1934b, 324 (Raja binoculata, R. stellulata; gills & skin; Puget sound).

species Guberlet, J. E., 1937a, 461, fig. 3.

species Layman, E. M., 1930a, 53 (Dasyatis akajei).

species Layman, E. M., 1930a, 53 (Spheroides borealis).

species Layman, E. M., 1930a, 53 (Urolopsis giganteus).

species (of Nicoll) Sproston, N. G., 1946a, 535 (Raja montagui; Plymouth).

species Scott, A., 1906b, 192-193, pl. 8, fig. 2-4.--Brinkmann, A., 1940a, 49.--Sproston, N. G., 1946a, 334.

boralis Brinkmann, A. (jr.), 1940a, 47, [lapsus for borealis Brinkmann, 1940].

borealis Brinkmann, A. (jr.), 1940a, 3, 4, 34-61, 83, 104, 105, 106, 107, 108, 109, pls. 9-11, figs. 29-45 (syn.: A. "verrilli" Manter, 1926) (Raja radiata; ventral surface; [1952a], 66 (as syn. of A. verrilli Goto, 1899); Sproston, N. G., 1946a, 332-333, 535.

bothi MacCallum, G. A., 1913d, 407-410, figs. 1-3 (Bothus maculatus; gills; Woods Hole); 1916a, 486-487, figs. 1-3; 1917b, 60-61, fig. 27.--Brinkmann, A., 1940a, 4, 46, 53, 55.--Johnston, T. H.; & Tiegs, O. W., 1922a, 124.

branchialis Willem, V., 1906b, 599-607, 611, pl., figs. 1-10 (raie bouclée; dans le mucus des deux chambres branchiales; côte belge).--Bonham, K.; & Guberlet, J. E., 1938a, 590, 592.--Brinkmann, A., 1940a, 45, 46, 47, 49, 50, 52, 53, 54, 83 (as syn. of A. monticellii Scott, 1901).--Johnston, T. H.; & Tiegs, O. W., 1922a, 124.--Willem, V., 1906a, 599-607, figs. 1-10.

caniculae Fuhrmann, O., 1928b, 23 [? for Acanthonchocotyle canicula Cerfontaine].

concinna Scott, T., 1902a, 301, no host given.--Brinkmann, A. (jr.), 1940a, 49, 53, 78, 83.--Johnston, T. H.; & Tiegs, O. W., 1922a, 124.--Price, E. W., 1938c, 190 "appears to be lapsus for A. monticellii".--Sproston, N. G., 1946a, 333.

elegans Monticelli, F. S., 1890i, 191, fig. 3 (Raja clavata; Naples); 1891i, 107, 1899a, 76, 77, 78, 79, 80, 81, 82, 85, 87, 88, 91, 93, 97, 99, 100, 101, 106, 107, 108, 110, 113, 115, pl. 1, figs. 7-8, pl. 2, figs. 13, 17, 19, 23, 25b, 28, 29, 32, pl. 3, figs. 44, 45; 1899a, 108; 1899b, 108; 1905c, 73, 74, 75.--Bonham, K.; & Guberlet, J. E.,

1938a, 590, 592, 597.--Braun, M.G.C.C., 1890a, 529, 547, 551.--Brinkmann, A. (jr.), 1940a, 44, 45, 47, 52, 54, 83.--Froissant, A., 1930a, 52 (Raja clavata; exterior; France).--Johnston, T.H.; & Tiegs, O.W., 1922a, 124.--Palombi, A., 1949b, 265-266, fig. 28.--Perrier, E., 1897a, 1806 (raie bouclée).--Scott, T., 1902a, 301.--Sproston, N. C., 1946a, 333, 535.--Willem, V., 1906b, 600, 601.

lobianchi Monticelli, F. S., 1888a, 7, 13, 15, 16, 19, 22, 23, 26, 29, 31, 34, 56, 87, (Raja clavata); 1889q, 128; 1890i, 190; 1891i, 102, 104 (lobianchii), 107, 116, 120, 130, pl. 5, figs. 9-10, pl. 6, figs. 36-39; 1893, 20; 1899a, 108.--Baylis, H. A., 1939a, 474(Raja batis(South Devon., Great Britain)).-- Benham, W. B. S., 1901a, 50.--Bonham, K.; & Guberlet, J. E., 1938a, 590, 592, 597 (spelled lobiancoi).--Braun, M.G.C.C., 1890a, 529, 547(Naples), 551.--Brinkmann, A. (jr.), 1940a, 44, 45, 46, 47, 52, 54, 83 (spelled lobianchoi); [1952a], 69, 72, 73, 75.--Froissant, A., 1930a, 50, 52, fig. 15 (Raja clavata; France).--Johnston, T.H., & Tiegs, O. W., 1922a, 124, 125.--Llewellyn, J., 1957b, 244, 247, 249, 250, 253, pl., fig. 3, pl., fig. 8(Raja clavata; Plymouth).--Manter, H.W., 1926c, 237.--Sproston, N.G., 1946a, 331, 332, 510, 535.

lobianchii Monticelli, F. S., 1891i, 104 for lobianchi.

lobianchoi Goto, S., 1899a, 285 for lobianchi.--Brinkmann, A. (jr.), 1940a, 44.--Manter, H. W., 1926c, 237.

lobiancoi Monticelli, F. S., 1899a, 75 (for lobianchi), 76, 77, 78, 80, 81, 83, 84, 85, 87, 89, 91, 94, 97, 100, 101, 106, 107, 108, 111-113, 116, 117, pl. 1, figs. 1, 3, 4, 5, 6, 10, pl. 2, figs. 11, 15, 16, 18, 21, 22, 25, 26, 31, 33, pl. 3, figs. 34-43, 46, 47, 49-58; 1905c, 72, 73, 74.--Bonham, K.; & Guberlet, J. E., 1938b, 590, 592, 597.--Fuhrmann, O., 1928b, 6, figs. 7, 35.--Palombi, A., 1949b, 266-267, fig. 29.--Scott, T., 1902a, 300.--Willem, V., 1906b, 600, 601.

merlucii Scott, T., 1911b, 350-351, pl. 27, fig. 10 [lapsus for Anthocotyle merlucii].--Brinkmann, A. (jr.), 1956b, 346.

monticelli Monticelli, F. S., 1905c, 74 (for monticelli).

monticellii Scott, T., 1902a, 300-302, pl. 13, figs. 31-33(Raia clavata; gills; North Sea); 1905b, 117; 1911b, 347-348, pl. 27, fig. 6.--Bonham, K.; & Guberlet, J. E., 1938a, 590, 592, 599.--Brinkmann, A. (jr.), 1940a, 47, 49, 50, 52, 53, 54, 83(syn.: A. branchialis Willem, 1906).--Johnston, T.H.; & Tiegs, O.W., 1922a, 124.--Sproston, N.G., 1946a, 333, 510, 535.

oligoterus Monticelli, F.S., 1899a, 76, 77, 78, 80, 81, 84, 85, 87, 91, 100, 101, 105, 106, 107, 108, 111, 115-117, pl. 1, figs. 2, 9, pl. 2, figs. 12, 14, 20, 24, 25c, 27, 29, pl. 3, fig. 48 (Raja clavata; Naples); 1905c, 73, 74, 75(Raja punctata).--Bonham, K.; & Guberlet, J. E., 1938a, 590, 592, 597, 599.--Brinkmann, A., (jr.), 1940a, 44, 45, 47, 52, 54, 83.--Goto, S., 1899a, 283.--Johnston, T.H.; & Tiegs, O.W., 1922a, 124.--Palombi, A., 1949b, 267-268, fig. 30.--Scott, T., 1902a, 301.--Sproston, N.G., 1946a, 333, 535 (Raja clavata, R. rhina; skin; Naples).--Willem, V., 1906b, 600, 601.

pacifica Guberlet, J.E., 1937a, 457-458 (lijas; [Raja]; Costas del Pacifico).--Bonham, K.; & Guberlet, J.E., 1938a, 590, 591-596, 597, 599, 600, 601, pl. 1, figs. 1-7 (Raja binoculata, R. rhina, R. stellulata; body surface; Puget Sound).--Brinkmann, A. (jr.), 1940a, 46, 50-51, 52, 53, 54, 83; [1952a], 69, 70, 72, 75.--Bykhovskii, B.E., 1959a, 197.--Price, E. W., 1938c, 193.--Sproston, N. G., 1946a, 333, 334, 535.

pugetensis Guberlet, J. E., 1937a, 457 (lijas [Raja]; Costas del Pacifico).--Bonham, K.; & Guberlet, J. E., 1938a, 590, 592, 594, 596-599, 600, 601, pl. 1, figs. 8-10 (Raja binoculata; gill filaments; Puget Sound region).--Brinkmann, A. (jr.), 1940a, 46, 51, 52, 53, 54, 58, 83; [1952a], 69, 72, 75.--Price, E. W., 1938c, 193(Raja binoculata, R. stellulata, R. rhina; gills; Pacific Coast).--Sproston, N.G., 1946a, 334, 535.

raiae MacCallum, G. A., 1916c, 23-25, figs. 9, 9A, 9B (Raja ocellata, R. erinacea; Woods Hole).--Brinkmann, A. (jr.), 1940a, 4, 46, 55, 56, 57, 58, 82(as syn. of Empruthotrema raiae).--Johnston, T. h.; & Tiegs, O.W., 1922a, 124.

squatinae MacCallum, G.A., 1921c, 153-156, fig. 75 (Squatina squatina; gills; Singapore).--Brinkmann, A. (jr.), 1940a, 4, 46, 55, 58, 60(as syn. of Megalocotyle squatinae).--Price, E. W., 1936b, 11 (to Trochopus).

verrilli Goto, S., 1899a, 283-286, pl. 21, figs. 25-26 (skate, [Raja]; Cape Cod).--Bonham, K.; & Guberlet, J. E., 1938a, 590, 591, 592, 596, 597.--Brinkmann, A. (jr.), 1940a, 46, 47, 48, 49, 51, 52, 53, 54, 83; [1952a], 3, 22, 66-68, 69, 72, 75, figs. 7-8; 43-44 (Raja radiata; Norwegian water) (syn.: A. borealis Brinkmann, 1940); 1956d, 9-10, 29(Raja radiata; Iceland); 1956b, 346.--Johnston, T.H.; & Tiegs, O.W., 1922a, 124, 125.--Manter, H.W., 1925a, 17(Raja erinacea; Maine); 1926c, 236-238, pl. 6, figs. 86-88.--Monticelli, F.S., 1905c, 71-75.--Pratt,

H. W., 1900a, 655, fig. 10, 657, 659(key). --Price, E. W., 1938c, 190, 191, 192-193, figs. 10-11.--Scott, T., 1902a, 302. --Sproston, N. G., 1946a, 335, 535, figs. 67a, b, d, e. --Stafford, J., 1904b, 482 (Raja radiata; skin; Canada); 1907a, 92.

verrilli of Manter, 1926 Brinkmann, A. (jr.), 1940a, 48, 49, 52, 84 (as syn. of A. borealis n. sp.).

williamsi Price, E. W., 1938c, 190-192, figs. 6-9 (skate; Aleutian Island). --Brinkmann, A. (jr.), [1952a], 69, 72, 73, 74, 75. --Sproston, N. G., 1946a, 335, 535, fig. 67c.

ACANTHOCOTYLIDAE Price, E. W., 1936b, 11(includes Acanthocotyle, Lophocotyle, Enoplocotyle); 1938c, 109; 1938c, 188-189 (syn. Anisocotylidae tagliani, 1912 in part).--Sproston, N. G., 1946a, 330, 331.

ACANTHOCOTYLINAE Monticelli, F. S., 1903c, 335(subfam. of Tristomidae). --Price, E. W., 1938c, 189. --Johnston, T. H.; & Tiegs, O. W., 1922a, 85, 124.

ACANTHODISCUS MacCallum, G. A., 1916c, 21-22, (tod:A. mirabile); 1921c, 136. --Brinkmann, A. (jr.), 1940a, 83 (as syn. of Dionchotrema Johnston & Tiegs, 1922). --Fuhrmann, O., 1928b, 30 (partim, as syn. of Protomicrocotyle J. & T.); 1928b, 28, 30 (partim, as syn. of Dionchotrema Johnston & Tiegs). --Johnston, T. H.; & Tiegs, O. W., 1922a, 123(as syn. of Dionchotrema J. & T.). --Price, E. W., 1938c, 124 (not MacCallum, 1918, not Uhlig, 1906, (as syn. of Dionchus Goto, 1899).

mirabile MacCallum, G. A., 1919b, 93-94, fig. 49 (tod) (Caranx hippos; gills; New York Aquarium); 1921c, 136. --Johnston, T. H.; & Tiegs, O. W., 1922a, 123, 126. --Koratha, K. J., 1955a, 259 (as syn. of Protomicrocotyle mirabilis).

remorae MacCallum, G. A., 1916c, 21-22, figs. 8, 8A (Echeneis naucrates; gills; New York Aquarium).

ACANTHONCHOCOTYLE Cerfontaine, P., 1899a, 347, 373, 402, 420, 436, 445, 446, 451, 455[type by inclusion appendiculata]. --Dollfus, R. P. F., [1937c], 399, 400, 416 (as syn. of Onchocotyle Diesing, 1850).--Fuhrmann, O., 1928b, 29 (as syn. of Onchocotyle Diesing).--Monticelli, F. S., 1903c, 336 (syn. of Onchocotyle). --Price, E. W., 1942a, 40 (as syn. of Hexabothrium Nordmann, 1840).

appendiculata (Kuhn, 1829) Cerfontaine, P., 1899a, 374, 379, 382, 461-462, pl. 19, figs. 6, 14a (Scyllium catulus Cuv.; Roscoff). --Schäperclaus, W., [1935c], 23 (Hundshaie[dog fish]; Seewasseraquarium).

canicula Cerfontaine, P., 1899a, 374, 379, 382, 402, 462, pl. 19, figs. 5, 13, 14b, c(syn.:Onchocotyle appendiculata Kuhn of Stossich, 1887)(Scyllium canicula).

musteli MacCallum, G. A., 1931a, 2, pl. 1, fig. 5(Mustelus canis; gills). --Price, E. W., 1942a, 31(as syn. of Hexabothrium musteli).

ACANTHOPARYPHIUM Dietz, E., 1909a, 188(tod: Echinostomum phoenicopteri Lühe); 1909b, 17. --Ando, A., 1938a, 1721; 1939a, 41 (Echinostomatidae, Himasthlinae). --Fuhrmann, O., 1928b, 126. --Gower, W. C., 1938c, 34, 56; 1939a, 589. --Lane, C., 1915a, 981. --Mendheim, H., 1940a, 559. --Odhner, T., 1910d, 155-156, 161. --Yamashita, I., 1937b, 88(Himasthlinae); 1938f, 875, 877, 881; 1958a, 630.

species Yamaguti, S., 1934b, 571-573, figs. 12-13 (Batillaria multiformis; Takasago, Hyōgo Prefecture).

charadrii Yamaguti, S., 1939d, 130, 156-157, 208, Pl. 13, fig. 5 (Charadrius alexandrinus dealbatus; small intestine; Ise Province).

kurogamo Yamaguti, S., 1939d, 129, 154, 208, pl. 14, fig. 9 (Melanitta nigra americana; Mikawa Province, Nyroca marila mariloides; Simonoseki).

marilae Yamaguti, S., 1934b, 543, 570-571, fig. 11(Marila marila mariloides, Melanitta fusca stejnegeri; Lake Biwa); 1939d, 130, 156 (Melanitta fusca stejnegeri; Mikawa Province, M. nigra americana; Korea). --Ando, A., 1938a, 1721; 1939b, 43-45, 591, 603, pl., fig. 20.--Gower, W. C., 1938c, 56, 74(Nyroca marila; Japan); 1939a, 590, 621.

melanittae Yamaguti, S., 1939d, 130, 155, 208, pl. 15, fig. 13 (Melanitta fusca stejnegeri; Mikawa Province).

ochthodromi Tubangui, M. A., 1933c, 171-173, 191, 197, pl. 2, figs. 3-4 (Ochthodromus mongolus; small intestine; Palo, Leyte, Philippine Islands).

pagollae Cable, R. M.; Connor, R. S.; & Balling, J. W., 1960a, 189, 193, 200-201, 240, figs. 8-9 (Charadrius wilsonia wilsonia; small intestine; Cabo Rojo, Puerto Rico).

phoenicopteri (Luehe, 1898) Dietz, E., 1909a, 17, fig. 1 (Phoenicopterus roseus; Tunis). --Odhner, T., 1910d, 155, 161. --Johnston, S. J., 1917a, 200, 201, 248, 252. --Tubangui, M. A., 1933c, 171. --Yamashita, J., 1938f, 881.

spinulosum Johnston, S. J., 1917a, 198-201, 248, 252, 255, fig. 7-8, pl. 12, fig. 7 (Charadrius dominicus; duodenum; Cronulla, near Sydney). --Johnston, T.

H., 1918c, 211.--Ando, A., 1938a, 1721; 1939b, 41-42, 591, 603, pl., fig. 18.--Bearup, A. J., 1960a, 217-225 (Salinator fragilis, Larus novaehollandiae (exper.)).--Cleland, J. B., 1922b, 93 (Charadrius fulvus; New South Wales).--Martin, W. E.; & Adams, J. E., 1960a, 35 (chicks, Cerithidea californica).--Tubangui, M. A., 1933c, 171.--Yamaguti, S., 1934b, 566-568 (Squatarola s. hypomelaena; Kanagawa Prefecture).

spinulosum suzugamo Yamaguti, S., 1939d, 129, 153-154, 157, 208, pl. 15, fig. 12 (Nyroca marila mariloides; Mikawa Province & Simonoeseki).

squatarolae Yamaguti, S., 1934b, 543, 568-580, fig. 10 (Squatarola squatarola hypomelaena; Kanagawa Prefecture).--Ando, A., 1938a, 1721; 1939b, 42-43, 591, 603, pl., fig. 19.

tyosenense Yamaguti, S., 1939d, 130, 155-156, 209, pl. 20, fig. 31 (Melanitta fusca stejnegeri, M. nigra americana; Tyosen, Korea).

ACANTHOPSOLINAE Ward, H. B., 1938a, 516-518.

ACANTHOPSOLUS Odhner, T., 1905a, 328-331 (mt. oculatus); 1910d, 164.--Caballero y C., E., 1952a, 11 (as syn. of Neophasis Stafford, 1904.--Fuhrmann, O., 1928b, 105.--Isaichikov, I. M., 1928d, 7, 53-54.--Ivanov, A. S.; & Murygin, I. I., 1937a, 265 (key).--Martin, W. E., 1939b, 66.--Miller, M. J., 1941a, 34 (as syn. of Neophasis).--Poche, F., 1926b, 146.--Skrjabin, K. I., 1923n, 3.--Skrjabin, K. I.; & Shul'ts, R. E. S., 1929a, 86.--Ward, H. B., 1938a, 515, 516 (syn.: Neophasis Stafford).--Yamaguti, S., 1958a, 114 (as syn. of Neophasis Stafford, 1904).

anarrhichae Nicoll, M. V., 1909a, 15-16 (sp. inq. based on Distomum sp. of Lebour, 1908) (Anarrhichas lupus; intestine).--Caballero y C., E., 1952a, 12 (as syn. of Neophasis pusilla Stafford, 1904).--Skrjabin, K. I., 1954a, 64, 65, fig. 14.--Yamaguti, S., 1958a, 114 (as syn. of Neophasis pusilla Stafford, 1904).

lageniformis Lebour, M. V., 1910b, 29-35, pl. 1, figs. 1-8 (Anarrhichas lupus; intestine; Northumberland), Buccinum undatum; liver; Northumberland); 1912a, 441-442, pl. 28, figs. 3-6.--Caballero y C., E., 1952a, 12.--Martin, W. E., 1939b, 66.--Odhner, T., 1911f, 240, 241.--Yamaguti, S., 1958a, 114 (as syn. of Neophasis pusilla Stafford, 1904).

ocellatus Faust, E. C., 1918b, 123[? for A. oculatum (Lev.)].

oculatus (Levinsen) Odhner, T., 1905a, 328-331, pl. 2, fig. 11 (type).--Caballero y C., E., 1952a, 12 (as syn. of Neophasis oculatus (Levinsen, 1881).--Ditlevsen, H., 1917c, 1149 (Cottus scorpius, Lycodes pallidus).--Dogiel, V. A.; & Rozova, A., 1941a, 8, 10, 11 (Myoxocephalus quadricornis labradoricus; intestine; North Siberia, White Sea).--Isaichikov, I. M., 1928d, 6, 7, 19, 20, 21, 53, 54-55 (Lycodes agnostus, Myoxocephalus quadricornis, M. scorpius).--Lebour, M. V., 1908a, 31.--Ward, H. B., 1938a, 522, pl. 1, fig. 5.

ACANTHOSTOMIDAE Poche, F., 1926b, 164 ((= Acanthochasmidae Nicoll). (Includes: Anisocoelium Luehe, Anisocladium Looss, Anoiktostoma Stossich, Acanthostomum Looss, Caecincola Marshall & Gilbert, Cryptogonimus Osborn, Allacanthochasmus Van Cleave, Aphallus n. g., Gymnophallus Odhner).--Cable, R. M.; & Hunninen, A. V., 1941a, 13; 1942b, 415, 416, 417, 418.--Chatterji, R. C., 1933c, 37, 38 (syn. Acanthochasmidae Nicoll, 1914); (Includes: Anoictostominae Nicoll, 1914, Maseniinae n. subfam.).--Fuhrmann, O., 1928b, 105.--Gower, W. C.; 1938c, 48; 1939a, 582, 587.--Manter, H. W., 1940a, 414, 415.--Morozov, F. N., 1955a, 249-315 (syn.: Acanthochasmidae Nicoll, 1914) (Includes: Anisocoeliinae Price, 1940, Isocoeliinae Price, 1940, Brientrematinae Dollfus, 1950, Oesophagicolinae Yamaguti, 1933, Acanthostomatinae Nicoll, 1914).--Mueller, J. F.; & Van Cleave, H. J., 1932a, 124, 130, 131.--Ozaki, Y., 1932d, 450-453.--Price, E. W., 1940c, 5, 6, 9 (type: Acanthostomum Looss, 1899).--Sprehn, C. E. W., 1932c, 181, 202-203 (syn.: Aconthochasmidae Nicoll, 1914).--Yamaguti, S., 1958a, 233-234,

ACANTHOSTOMIDAE Poche, 1925 metacercaire Carrère, P., 1937b, 1087 (Atherina mochon; Camargue, Atherina hepsetus; golfe de Marseille).

ACANTHOSTOMINAE (Nicoll, 1914) Chatterji, R. C., 1933c, 38.--Price, E. W., 1940c, 9-10 (syn.: Acanthochasminae Nicoll, 1915; Anoiktostominae Nicoll, 1915).--Yamaguti, S., 1958a, 234.

ACANTHOSTOMOIDES Szidat, L., 1956d, 557, 559, 570 (tod: A. apophalliformis).

apophalliformis Szidat, L., 1956d, 557-560, 570, figs. 15-16 (Percichthys trucha; Dünndarm; Rio Limay, Patagonia).

ACANTHOSTOMUM Looss, 1899b, 575, 577-579 (tod.: spiniceps), 578 [not,

Acanthostoma Kriechbaumer, 1895, insect]; 1900d, 603 (renamed Acanthochasmus); 1901e, 595. --Bhalerao, G. D., 1936c, 184 (syn.: Acanthochasmus Looss). --Braun, M. G. C. C., 1901b, 34, 56; 1901i, 56. -- Fuhrmann, O., 1928b, 105. --Peláez, D.; & Cruz Lozano, F., 1953a, 269-284. --Poche, F., 1926b, 165 (syn.: Acanthochasmus Looss) ("Acanthostomum is not preoccupied by Acanthostoma Kriechbaumer"). --Price, E. W., 1940c, 6, 10 (Acanthostomidae, Acanthostominae) (syn.: Caimanicola Freitas & Lent, 1938). --Stiles, C. W., 1901r, 189. --Stunkard, H. W., 1938d, 40. --Yamaguti, S., 1958a, 235.

species larva Butskaia, N. A., 1952a, 38, 45 (Syngnathus nigrolineatus, Solea nasuta).

species metacercaria Sordi, M., 1950b, 16-20, fig. (gambusie; zona de Calambrone).

absconditum (Looss, 1901) Gohar, N., 1934a, 327.

acuti Caballero y Caballero, E.; & Brenes Madrigal, R. R., [1959a], 173-178, figs. 4-6 (Crocodylus acutus acutus; intestino delgado; Costa Rica).

atae Tubangui, M. A., & Masiluñgan, V. A., 1936d, 256-258, 265, pl. 2, fig. 1 (Crocodilus porosus; intestine; Palawan). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 36; 1942a, 116. --Yamaguti, S., 1954g, 335.

bagri Thomas, J. D., 1958b, 10-13, pl., fig. 6 (Bagrus docmac; northern region of Ghana).

burminis (Bhalerao, 1926) Bhalerao, G., 1936c, 184, 203 (Tropidonotus piscator; Nagpur, Rangoon) (syn.: Acanthochasmus burminis Bhalerao); 1940d, 94, 97 (as syn. of Atrophecaecum burminis (Bhalerao, 1926; n. comb.); 1940e, 130. --Chatterji, R. C., 1940a, 390 (Natrix piscator; Rangoon).

caballeroi Peláez, D., & Cruz Lozano, F., 1953a, 272, 273-276, figs. 1-16 (Crocodilus a. acutus; intestino delgado; Oaxca). --Caballero y Caballero, E., [1956a], 437-441, figs. 3-6 (Caiman fuscus; intestino; Panama).

coronandum (Rothschild) Price, E. W., 1940c, 3, 4 (syn.: Cercaria coronanda Rothschild).

coronarium (Cobbold, 1861) Looss, A., 1899b, 578, 582. --Gohar, N., 1934a, 327 (Alligator sp.; intestine; Soudan). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 35, 36 (Alligator mississipiensis, Crocodylus acutus); 1942a, 116 (Alligator mississipiensis, Crocodylus acutus; North America).

crocodili Yamaguti, S., 1954g, 333-335, 339, pl., fig. 4 (Crocodilus porosus; Celebes).

diploporus (Stunkard, 1931) Stunkard, H. W., 1938d, 40 (syn.: Acanthochasmus diploporus Stunkard, 1931). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 35; 1942a, 117. --Yamaguti, S., 1954g, 335.

elongatum Tubangui, M. A.; & Masiluñgan, V. A., 1936d, 255-256, 265, pl. 1 (Crocodilus porosus; intestine; Palawan). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 36; 1942a, 117. --Yamaguti, S., 1954g, 335.

floridensis (McCoy) Price, E. W., 1940c, 3, 4 (syn.: Cercaria floridensis McCoy).

gnerii Szidat, L., 1954a, 6, 7, 21-23, figs. 5 a-c (Rhamdia quelen; intestino; Rio Parana, Rep. Argentina). --Caballero y Caballero, E.; & Brenes Madrigal, R. R., [1958a], 220-224, fig. 2, pl., fig. 3 (Rhambdia rogersi; intestino; San José, Costa Rica).

gonotyl (Dollfus, 1950) Morozov, F. N., 1955a, 264-265, fig. 70 (syn.: Acanthochasmus gonotyl Dollfus, 1950).

imbutiforme (Molin, 1859 partim) Gohar, N., 1934a, 327 (Labrax lupus Cuv., Dentex vulgaris Cuv. Val.; intestine; Côte d'Egypte). --Chernyshenko, A. S., 1956b, 288 (fish; Dniester estuary); 1957a, 198 (larvae in Neogobius syrman, N. cephalarges, N. kessleri, N. fluviatilis, Ophiocephalus zostericola, Syngnathus nigrolineatus; Dniester estuary). --Janiszewska, J., 1953b, 35-36, 47, 48 (synonmy) (Morone labrax, Dentex dentex; environs of Split, Adriatic Sea).

indicum Sinha, B. B., 1942a, 86-90, figs. 1-4 (crocodile; intestine).

inerme (Stossich, 1905) Yamaguti, S., 1958a, 235.

marajoarum (de Freitas & Lent, 1938) Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 35; 1942a, 117 (syn.: Caimanicola marajoarum de F. & L.).

minimum Stunkard, H. W., 1938d, 35, 39-40, 48, fig. 2 (Rhamdia guatemalensis; Kaua Cave & San Isidro Cave, Yucatan). --Morozov, F. N., 1955a, 279, 285-286, fig. 78 (as syn. of Atrophecoecum minimum (Stunkard, 1938).

pakistanensis Coil, W. H.; & Kuntz, R. E. 1960, 282, 283, 284, figs. 2-4 (Hydrophis cyanocinctus; small intestine; Dacca, East Pakistan).

praeteritum (Looss, 1901) Gohar, N., 1934a, 327 (Corvina nigra Salv.,

Labrax lupus Cuv., Chrysophrys aurata; intestine grêle; Côte d'Egypte).

productum (Odhner, 1902) Gohar, N., 1934a, 327.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 36, 1942a, 117 (syn.: Acanthochasmus productum O.).

quaesitum (Nicoll, 1918) Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 36; 1942a, 117 (syn.: Acanthochasmus quaesitus N.).

scyphocephalum (Braun, 1899) Hughes, R. C.; Higgenbotham, J. W.; & Clary, J. W., 1941a, 41; 1942a, 117 (syn.: Distomum scyphocephalum B.; Acanthochasmus scyphocephalus (B.) B., 1901; Monostomum testudinis B., 1899) (Chelys fimbriata; Brazil); Caballero y Caballero, E., [1956a], 433-437, pl., figs. 1-2 (Caiman fuscus; Panama).--Peláez, D., & Cruz Lozano, F., 1953a, 277, 278.

spiniceps (Looss, 1896) Looss, A., 1899b, 578, 582.--Dollfus, R. P., 1932e, 559 (as syn. of Acanthochasmus spiniceps (Looss, 1896) Looss, 1901).--Fuhrmann, O., 1928c, 105, fig. 124.--Gohar, N., 1934a, 327 (Bagrus docmac, B. bajad Forsk.; intestine; Cairo).

unami Peláez, D.; & Cruz Lozano, F., 1953a, 272, 276-280, figs. 17-22 (Crocodilus a. acutus; intestino delgado; Oaxaca).

vicinum (Odhner, 1902) Gohar, N., 1934a, 327.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 36 (Crocodylus niloticus); 1942a, 117 (Crocodylus niloticus; Sudan) (syn.: Acanthochasmus vicinus O.).

ACANTHOTREMA Travassos, L. P., 1928f, 884 (tod: A. acanthotrema).--Cable, R. M.; Connor, R. S.; & Balling, J. W., 1960a, 214 (as syn. of Stictodora Looss, 1899).--Ciurea, I., 1933c, 108 (Galactosominae n. subfam.).--Price, E. W., 1940c, 9 (Heterophyidae, Galactosominae).

acanthotrema Travassos, L. P., 1928f, 884-885 (tod) (Haplorchidae) (Sterna maxima; intestine; Rio de Janeiro); 1929b, 16-17 (Sterna maxima).--Cable, R. M.; Connor, R. S.; & Balling, J. W., 1960a, 214-215, 246, figs. 24-25 (as syn. of Stictodora acanthotrema (Travassos, 1928) (Thalasseus m. maximus; intestine; sand spit off Punta Arenas, Puerto Rico).

ryjikovi Oshmarin, P. G.; & Parukhin, A. M., 1960a, 1305, 1306, 1309, fig. 1 (evolution & specificity) (Pandion haliaetus; intestine; Primorskii Krai).

ACANTHTCOTYLE Scott, T., 1902a, 301, for Acanthocotyle.

ACCALADIINAE Yamaguti, S., 1958a, 319 (Includes: Accacladocoelium, Accacladium).

ACCACLADIUM Odhner, T., 1928b, 167, 173.--Fuhrmann, O., 1928b, 58, 111.

nematulum Noble, A. E.; & Noble, G. A., 1937a, 55-60, figs. 1-6 (Mola mola; Monterey Bay, Calfornia).--Dollfus, R. P. F., 1946k, 74.

serpentulus Odhner, T., 1928b, 167, 173, fig. 3 (Orthagoriscus mola; intestine; Bergen).--Dollfus, R. P. F., 1935g, 213, 216 (Mola mola; intestine; Naples; Bergen; Marthas-Vineyard, Japon); 1946k, 74.--Fuhrmann, O., 1928b, 57, fig. 72 (Orthagoriscus mola).--Linton, E., 1940a, 147-148 (syn.: Distomum nigroflavum Rudolphi, Linton, 1898) (Mola mola; Woods Hole, Mass.).--Robinson, V. C., 1934a, 349.--Yamaguti, S., 1934a, 508.

ACCACLADOCOELIUM Odhner, T., 1928b, 172 (tod: Distomum nigroflavum).--Fuhrmann, O., 1928b, 111.

alveolatum Robinson, V. C., 1934a, 346-351, pl. 13, figs. 1-5 (Orthagoriscus mola; intestine; Salcombe, Devon).--Dollfus, R. P., 1935g, 215, 216; 1946k, 74.--Guiart, J., 1938b, 41, 58-59, 62, 63, 64, [77], [83], pl. A., fig. 11, pl. 3, fig. 43 (Mola mola; Mediterranée au large de Monaco).--Manter, H. W., 1960a, 197 (Mola mola; Island Bay, Wellington, N. Zealand).--Skrjabin, K. I., 1959c, 278-279.--Skrjabin, K. I.; & Gushanskaia, L. K., 1959f, 128-132, fig. 32 (as syn. of Guschanskiana alveolata (Robinson, 1934) Skrjabin, 1959 [n. comb.]).

macrocotyle (Diesing, 1858) Robinson, V. C., 1934a, 349 (Orthagoriscus mola Bloch).--Dollfus, R. P., 1935g, 214, 216 (Mola mola; intestine; Naples; Marthas-Vineyard, Mola nasus; Warberg, Sweden); 1937b, 270 (Myliobatis freminvillei); 1946k, 74.--Guiart, J., 1938b, 40, 56-57, 58-59, 62, 63, 64, [83], pl. 3, fig. 42 (Mola mola; Atlantique à la hauteur de la pointe du Raz).--Hanson, M. L., 1950a, 85, 86, 87 (Bermuda).--Linton, E., 1940a, 146-147 (Mola mola; Woods Hole, Massachusetts).

megnini (J. Poirier, 1885) Dollfus, R. P. F., 1946k, 74.

nigroflavum (Rudolphi, 1819) Robinson, V. C., 1934a, 349 (Orthagoriscus mola).--Dollfus, R. P., 1935g, 212, 213-214, 216, figs. 5-6 (Mola mola; cote atlantique d'Europe, de Naples, de l'ile d'Elbe, Mola nasus; Warberg, Sweden); 1946k, 74 (=A. megnini (J. Poirier, 1885)) (Mola mola).--Guiart, J., 1938b, 41, 56-57, 63, 64 (Mola mola (Atlantique au nord des Acores)).

petasiporum Odhner, T., 1928b, 175

(Orthagoriscus mola).--Dollfus, R. P., 1935g, 209, 210, 213, 215, 216, figs. 7-8 (Mola mola; intestine; Méditerranée); 1946k, 74.--Robinson, V. C., 1934a, 349.

ACCACOELIIDAE Dollfus, R. P. F., 1923f, 346; 1935g, 201-206 (syn.: Accacoeliinae Odhner, 1911, Accacoeliiden Looss, 1912); 1960g, 648-671.--Dawes, B., 1936b, 181.--Fuhrmann, O., 1928b, 46, 49, 58, 65, 110, 111.--Linton, E., 1940a, 145.--Odhner, T., 1928c, 1.--Skrjabin, K. I.; & Gushanskaia, L. Kh., 1956a, 146 (includes Accacoelium Monticelli, 1893, Accacladium Odhner, 1928, Rhynchopharynx Odhner, 1928, Accacladocoelium Odhner, 1928); 1959f, 99-183 (includes Accacoelium Monticelli, 1893, Accacladium Odhner, 1928, Accacladocoelium Odhner, 1928, Rhynchopharynx Odhner, 1928, Paratetrochetus Hanson, 1955, Guschanskiana Skrjabin, 1959, Orophocotyle Looss, 1902, Tetrochetus Looss, 1912, Mneiodhneria Dollfus, 1936, Caballeriana Skrjabin et Guschanskaja, 1959). (=Accacoeliiden Looss, 1912).

ACCACOELIIDAE gen. sp. Skrjabin, K. I.; & Gushanskaia, L. K., 1959f, 175-176 (syn. Distomum sp. Kobayashi, 1921)(Muraenesox cinereus, stomach; Japan).

ACCACOELIIDAE metacercaire Dollfus, R. P. F.; Anantaraman, M.; & Nair, R. V., [1955a], 525, figs. 1-4 (Sagitta inflata; Madras).

ACCACOELIINAE Odhner, T., 1911h, 527.--Dollfus, R. P., 1935g, 206, 211-212 emend. (includes Rhynchopharynx, Accacoelium, Accacladium, Accacladocoelium).--Guiart, J., 1939b, 39.--Lloyd, L. C., 1938a, 111.

ACCACOELIUM Monticelli, F. S., 1893i, 135 (type:contortum) (subg. of Distoma).--Raised to generic rank by Looss, A., 1899b, 631-632(contortum as type); 1902m, 839, 504; 1907c, 67; 1912c, 330, 331.--Braun, M. G. C. C., 1901b, 27, 34, 37, 38.--Darr, A., 1902a, 698.--Fuhrmann, O., 1928b, 111.--Luehe, M. F. L., 1900u, 487; 1901n, 481, 482-483, 485; 1906b, 102.--Odhner, T., 1905a, 363; 1928b, 172, 175.--von Ofenheim, E., 1900b, 183.--Poche, F., 1926b, 202(Hemiuridae).--Pratt, H. S., 1902a, 889, 904 (key).--Yamaguti, S., 1958a, 318.

calyptrocotyle (Monticelli, 1891)[Luehe, M. F. L., 1900u, 487].--Monticelli, F. S., 1914b, 32, 33, 34, 38.

contortum (Rudolphi, 1819) Looss, A., 1899b, 632; 1912c, 331.--Darr, A., 1902a, 698.--Dollfus, R. P. F., 1935g, 213, 214, 215, 216, figs. 3-4 (Mola mola; branchies, peau; Castiglione, Mola nasus; branchies; Warberg, Sweden; 1946k, 73.--Fuhrmann, O., 1928b, 49, 65, 98.--Guiart, J., 1938b, 39, 56-57, 63, 64(Mola mola; Atlantique á l'ouest des Açores).--Linton, E., 1924a, 13 (Mola mola); 1940a, 145-146 (Mola mola, Woods Hole, Massachusetts).--Luehe, M. F. L., 1901n, 482, 483, 485.--Manter, H. W., 1926c, 228.--Monticelli, F. S., 1914b, 32.--Odhner, T., 1911h, 528; 1927a, 4; 1928b, 172; 1928c, 2, figs. 2, 3.--Robinson, V. C., 1934a, 349(Orthagoriscus mola).--Stafford, J., 1904b, 487 (Canada); 1907a, 93(Mola mola).

foliatum (Linton, 1898) Stafford, J., 1904b, 487(Mola mola; Canada).

macrocotyle (Diesing, 1858) Luehe, M. F. L., 1901n, 482.--Linton, E., 1924a, 13 (Mola mola).--Monticelli, F. S., 1914b, 38.--Odhner, T., 1911h, 525.--Stafford, J., 1904b, 487 (Mola mola, Canada); 1907a, 93.

nigroflavum (Rudolphi, 1819) Luehe, M. F. L., 1901n, 482, 483.--Dawes, B., 1936b, 179, fig. 1d.--Fuhrmann, O., 1928b, 98, fig. 137(Orthagoriscus mola).--Looss, A., 1902e, 639.--Odhner, T., 1911h, 528.--Stafford, J., 1904b, 487 (Mola mola (Canada)).

[pelagiae (Koelliker, 1849).---- 1900].

raynerianum (Nardo, 1827) Luehe, M. F. L., 1901n, 482, 483, 485.--Looss, A., 1912c, 330, 331.

raynerium (Nardo, 1827) Parona, C., 1902c, 6.[?lapsus for raynerianum].

ACCACOELUM Zool. Rec. (1893), 1894, Vermes, 49(for Accacoelium).

ACEDODEXTRA Mueller & Van Cleave; Ciurea, I., 1933c, 106[for Acetodextra].

ACERCAE Monticelli, F. S., 1888a, 94 (group of Cercaria without tail).

ACETODEXTRA Pearse, A. S., 1924a, 147(tod:A. amiuri(Stafford)).--Ciurea, I., 1933c, 106(Metagoniminae Ciurea).--Mueller, J. F.; & Van Cleave, H. J., 1932a, 79, 81, 115, 116, 117, 119, 121, 124.--Price, E. W., 1940c, 8 (Heterophyidae, Metagoniminae).--Van Cleave, H. J.; & Mueller, J. F., 1931a, 132-133; 1934a, 179, 216-217(key).

amiuri (Stafford, 1900) Pearse, A. S., 1924a, 147-148, fig. 6 (Ameiurus melas, A. natalis, A. nebulosus; swim bladder, Lake Pepin, Wisconsin) Schilbeodes gyrinus; liver & peritoneal encystment; Lake Pepin, Wisconsin).--Arnold, J. G. (jr.), 1933a, 136 (Ameiurus nebulosus; Wisconsin); 1934a, 267, 270, 271, 272, 273, 274-275, pl. 27, fig. 3, pl. 28, figs. 6-9, 16 (Ameiurus nebulosus; northern New York).--Bangham, R. V., 1955a, 189

(Ameiurus n. nebulosus; Reelfoot Lake).--Bangham, R. V.; & Hunter, G. W. III, 1939a, 400, 414, 417, 433, 434 (Ictalurus punctatus; reproductive organs, Schilbeodes gyrinus; digestive tract; Lake Erie).--Cable, R. M.; & Hunninen, A. V., 1942b, 415.--Coil, W. H., 1954b, 101 (Ameirus nebulosus, A. natalis, A. melas, Noturus flavus, Cottus bairdii, Ictalurus lacustris; Lake Erie).--Corkum, K. C.; Ringhouse, R.; & Roesch, S., 1958a, 301-302 (Ameiurus melas; swim bladder; Fox river).--Hunter, G. W. III; & Hunter, W. S., 1932a, 265 (Ameiurus nebulosus; ovary; Oswegatchie & Black River systems).--Lyster, L. L., 1939a, 162, 163-164, 167, fig. 13 (Ameiurus nebulosus; St. Lawrence watershed).--Mueller, J. F., 1934c, 338, 339, 340, pl. 41, figs. 1-6.--Mueller, J. F.; & Van Cleave, H. J., 1932a, 116, 117, 121, pl. 23, fig. 46 (Ameiurus nebulosus; swim bladder; A. natalis; swim bladder; Oneida Lake, New York).--Perkins, K. W., 1950b, 27; 1951a, 312-313; 1956a, 139-161, figs. 1-45.--Van Cleave, H. J.; & Mueller, J. F., 1934a, 217-218, 225, fig. 51 (Ameiurus nebulosus, A. natalis; air bladder; Oneida Lake).

ACETODEXTRINAE Morozov, F. N., 1952b, 579-580 (includes: Acetodextra Pearse, 1924, Pseudexorchis Yamaguti, 1938).

ACHANTOCOTYLE Monticelli, F. S., 1888a, 67 (for Acanthocotyle).

ACHILLURBAINIA Travassos, L. P., 1942c, 213 [for Achillurbania).

ACHILLURBANIA Dollfus, R. P. F., 1939b, 210, 224, 233 (tod: A. nouveli) Achillurbaniidae).--Dollfus, R. P. F.; & Nouvel, J., 1957a, 228-229.--Travassos, L. P., 1942c, 213.

nouveli Dollfus, R. P. F., 1939b, 210-233, figs. 1-10 (tod) (Felis pardus melas; Zoo de Vincennes).--Nouvel, J., 1955a, 45-49 (Felis pardus L., forme melanique; niveau de la région orbitaire).--Urbain, A. J.; Nouvel, J.; Pullier, P.; & Rinjard, J., 1955a, 119, 123 (Panthera pardus; Parc Zoologique du Bois due Vincennes).

recondita Travassos, L. P., 1942c, 213-218, figs. 1-9 (Didelphis marsupialis; seios maxilares; Ubatuba, Estado de São Paulo).--Sandars, D. F., 1958a, 145, 146-149, 157, figs. 1, 2 (Didelphis marsupialis insularis; intestine; Trinidad, British West Indies).

ACHILLURBANIIDAE Dollfus, R. P. F., 1939b, 232, 233 (type: Achillurbania) Skrjabin, K. I., [1959a], 29-31.

ACHOERUS Vlasenko, P. V., 1931a, 91, 108-110, 130-131 (tod: A. pauli).--Sobolev, A. A., 1955a, 264, 266, 457 ("does not belong to definite subfamily" "conditionally placed in Monorchinae").

pauli Vlasenko, P. V., 1931a, 91, 93, 108-110, 130-131, figs. 14-15 (tod) (Umbrina cirrhosa, Sciaena umbra; intestine; Black Sea).

ACOLPENTERON Fischthal, J. H.; & Allison, L. N., 1940a, 34-35 (Monopisthocotylea) (mt: A. ureteroecetes); 1941a, 517, 519, 521, 522 (Calceostomatidae).--Agapova, A. I., 1957a, 124 (distribution in reservoirs of Kazakhstan).--Bykhovskii, B. E.; & Gusev, A. V., 1955a, 117 (emend.).--Sproston, N. G., 1946a, 188, 257, 259.--Tripathi, Y. R., [1959a], 65.

catostomi Fischthal, J. H.; & Allison, L. N., 1942a, 53-56, 1 pl., figs. 1-7 (Catostomus commersonnii commersonnii, Hypentelium nigricans; ureters; Washtenaw County, Michigan).--Fischthal, J. H., 1947a, 167, 218 (Catostomus c. commersonnii; Wisconsin); 1950d, 92; 1956a, 226, 232 (Catostomus c. commersonni; south-central New York streams).--Sproston, N. G., 1946a, 259, 519, 527, figs. 34 d-g.

ignotus Gusev, A. V., 1955b, 278, 294, 350, 395, 398, fig. 38 (3) (Acanthorhodeus asmussi; gill filaments; Amur river system).--Bykhovskii, B. E.; & Gusev, A. V., 1955a, 117 (as syn. of Pseudacolpenteron ignotus comb. nov.).

nephriticum Gvozdev, E. V., 1945a, 45-48 (Diplophysa dorsalis; Alma-Ata).--Gvozdev, E. V.; & Agapova, A. I., 1960a, 185.--Gvozdev, E. V.; Agapova, A. N.; & Martekhov, P. F., 1953a, 108, 109 (Nemachilus strauchi, N. dorsalis; Ili Basin).--Agapova, A. I., 1957a, 129 (distribution in reservoirs, Kazakhstan).

ureteroecetes Fischthal, J. H.; & Allison, L. N., 1940a, 34-35 (mt) (Huro salmoides, Micropterus dolomieu, ureter urinary bladder; Huron River, Ann Arbor, Michigan); 1941a, 517-518, 521, 522, 523, 524, 1 pl., figs. 1-5; 1942a, 53-56 (Huro salmoides Umbra limi.--Fischthal, J. H., 1956a, 230, 232 (Micropterus d. dolomieu; south-central New York streams).--du Plessis, S. S., 1948a, 105, fig. 1 (gyrodactyloid closely related to Acolpenteron ureteroecetes) (large mouth bass, ureters, South Africa).--Sproston, N. G., 1946a, 259, 526, 530, figs. 34 a-c.

ACONTHOCHASMIDAE Sprehn, C. E. W.,

1932c, 202(as syn. of Acanthostomidae Poche, 1925).
ACOSMOCOTYLEA Diesing, K. M., 1858e, 312, 313, 329, 362.
ACOTYLEA Diesing, K. M., 1850a, 286, 293 (subtribe of Dicranocoela), 287, 304 (tribe of Trematoda).--Brandes, G. P. H., 1888a, 12.--Burmeister, H., 1856a, 250.--Goldberg, O. F. P. F., [1855a], 15, 16.--Molin, R., 1861c, 191.--Monticelli, F. S., 1888a, 83, 84; (1891i), 111.--Taschenberg, E. L., 1879b, 233.
ACOTYLOCEPHALA Diesing, K. M., 1858e, 314, 374 (fam. of Trematoda plectanophora).--van Beneden, P. J.; & Hesse, C. E., 1864a, 119 (syn. of Gyrodactylidés).--Monticelli, F. S., 1888a, 84.
ACRODACTYLA Stafford, J., 1904b, May 3, 491 (mt. Acrodactyla petalosa) [not Acrodactyla Haliday, ante 1846, hymenopteron].--Fuhrmann, O., 1928b, 106(as syn. of Acrolichasmus Ward).--Hopkins, S. H., 1933a, 66 (as syn. of Crepidostomum Braun, 1900).--Nicoll, W., 1909b, 418, 419.--Odhner, T., 1910d, 74, 75.--Skvortsov, A. A., 1927a, 283.--Yamaguti, S., 1958a, 130 (as syn. of Crepidostomum Braun, 1900).
auriculata (Wedl, 1858) Odhner, T., 1910d, 75.--Skvortsov, A. A., 1927a, 283.
lintoni (Pratt in Linton, 1901) Odhner, T., 1910d, 75 (Acipenser rubicundus).--Ward, H. B., 1917c, 4.
petalosa (Lander in Looss, 1902) Stafford, J., 1904b, May 3, 491 (includes Distoma auriculatum Wedl of Linton) (Acipenser rubicundus; Canada).--Cooper, A. R., 1915d, 195.--Odhner, T., 1910d, 75.--Skvortsov, A. A., 1927a, 283.--Wiśniewski, L. W., 1933a, 188.
ACROLICHANUS Ward, H. B., 1917c, 4 (= Acrodactyla Stafford (not Haliday) renamed); 1918a, 396.--Faust, E. C., 1918d, 192-193, 195.--Fuhrmann, O., 1928b, 106.--Hopkins, S. H., 1933a, 66 (as syn. of Crepidostomum Braun, 1900); 1934a, 106.--Poche, F., 1926b, 159 (fam. Allocreadiidae).--Skvortsov, A. A., 1927a, 283, 284, 285, 286.--Wiśniewski, L. W., 1933a, 194.--Yamaguti, S., 1958a, 130 (as syn. of Crepidostomum Braun, 1900).
auriculatua (Wedl, 1858) Skvortsov, A. A., 1927a, 276-286, figs. 1-10 (sterlets; Volga basin).--Dobrokhotova, O. V., 1953a, 171 (carp; Lake Zaisan).--Layman, E. M., 1933b, 66, 67, 70, 76 (Acipenser baeri; intestine, stomach; A. ruthenus, intestine; Lake Baikal, USSR).--Volkova, M. M., 1941a, 27, 28 (Acipenser ruthenus; Ob river).--Wiśniewski, L. W., 1933a, 190, 191, 192, 193, 194 (syn.: Distoma auriculatum Wedl)(Acipenser ruthenus; Danube); 1933a, 190, 191, 192, 193 (Acipenser ruthenus; Volga).--Zakhvatkin, V. A., 1935a, 84-86, 101, 102 (Acipenser ruthenus; Okhansk, Kama); 1938a, 194, 196, 209, 218, 220, 241(Acipenser ruthenus; Irtysh).
lintoni (Pratt in Linton, 1901) Ward, H. B., 1918a, 396.
petalosa (Lander in Looss, 1902) Ward, H. B., 1917c, 4; 1918a, 396, fig. 685 (Acipenser rubicundus).--Faust, E. C., 1918d, 184, 189, 193-194, 195, 196 (Acipenser rubicundus, Ambloplites rupestris); 1919d, 327.--Hall, M. C., 1929b, 21, 64 (Acipenser rubicundus, primary host; crayfish, secondary host).--Hopkins, S. H., 1931b, 87; 1933a, 68 (as syn. of Crepidostomum lintoni).--Pearse, A. S., 1924b, 170 (sand sturgeon).--Skvortsov, A. A., 1927a, 283, 284, 285.--Stunkard, H. W., 1932c, 333.--Van Cleave, H. J.; & Mueller, J. F., 1932a, 39.--Wiśniewski, L. W., 1933a, 190, 191, 192, 193, 194 (syn.: Distomum petalosum Lander).
similis Wiśniewski, L. W., 1933a, 188-195, figs. 1-2 (Salmo irideus, Salmo fario; Rivière Bosna, Yougoslavie, près de Sarajevo).--Hopkins, S. H., 1934a, 81, 83, 107 (as syn. of Crepidostomum auriculatum (Wedl, 1857)).--Slusarski, W., 1958a, 333, 466 (as syn. of Crepidostomum simile).
ACTINOCLEIDUS Mueller, J. F., 1937b, 208, 209, 211 (Tetraonchinae; tod: Actinocleidus oculatus (Mueller, 1934)); 1937c, 7(key).--Chauhan, B. S., 1945b, 150, 151(Dactylogyridea)(key).--Hargis, W. J., 1952c, 42 (key).--Mizelle, J. D., 1938a, 15, 17, 41, 63, 64; 1955a, 261, 262.--Mizelle, J. D.; et al., 1956a, 163.--Mizelle, J. D.; & Hughes, R. C., 1938a, 343, 350-351.--Price, E. W., 1937b, 123, 148 (diagnosis, list of species).--Seamster, A., 1938b, 604, 606, 607.--Sproston, N. G., 1946a, 187, 215, 217(key)(syn.: Ancyroceophalus auctorum, partim; Cleidodiscus auctorum, partim).--Tripathi, Y. R., [1959a], 53, 61 (key).
species Arcadi, J. A., [1949a], 285.
species Mizelle, J. D., 1938a, 20, 31, 41, 44 (Apomotis cyanellus).
species Mizelle, J. D., 1938b, 466(Apomotis cyanellus; gills; Embarrass

River, Urbana, Illinois).

species Seamster, A., 1948a, 167(Lepomis megalotis;gills;Tremont, Louisiana).

species Summers, W.A.; & Bennett, H. J., 1938a, 248(Aplites salmoides; Baton Rouge, Louisiana).

articularis (Mizelle, 1936) Mueller, J. F., 1937b, 211.--Mizelle, J.D., 1938a, 30, 40, 42-43, 48, 62, 74, 75, 76, 77, pl. 2, fig. 10; pl. 3, figs. 40-48 (Xenotis megalotis; Embarrass River, Urbana, Illinois); 1939a, 12; 1940b, 171, 172, 173, 176 (Lepomis megalotis; Cove Creek; Caryville, Tennessee); 1944a, 177.--Mizelle, J.D.; et al., 1956a, 163 (syn.: Cleidodiscus articularis Mizelle, 1936).--Mizelle, J. D.; & Hughes, R. C., 1938a, 343, 350, 351.--Seamster, A., 1938b, 606.--Sproston, N. G., 1946a, 217, 544.

bakeri Mizelle, J.D.; & Cronin, J.P., 1943a, 198-199, 216, pl. 1, figs. 1-10 (Lepomis microlophus; Reelfoot Lake, Ridgely, Tennessee).--Mizelle, J.D.; et al., 1956a, 163.--Sproston, N. G., 1946a, 217, 523 (Eupomotis microlophus; Reelfoot Lake, Tennessee).

bifidus Mizelle, J.D.; & Cronin, J. P., 1943a, 199-200, 216, pl. 1, figs. 11-27 (Lepomis microlophus; Reelfoot Lake, Ridgely, Tennessee).--Mizelle, J.D.; et al., 1956a, 163.--Sproston, N. G., 1946a, 218, 523 (Eupomotis microlophus; Reelfoot Lake, Tennessee).

bifurcatus Mizelle, J. D., 1941b, 102-104, figs. 39-47 (Lepomis microlophus; Florida).--Sproston, N.G., 1946a, 218, 219, 523, figs. 7 d-h (Eupomotis microlophus; Florida).

brevicirrus Mizelle, J.D.; & Jaskoski, B. J., 1942a, 145-146, 152, 153, 1 pl., figs. 42-48 (Lepomis miniatus; Reelfoot Lake, Ridgely, Tennessee).--Mizelle, J. D.; et al., 1956a, 163.--Sproston, N.G., 1946a, 218, 538(Sclerotis miniatus; Reelfoot Lake, Tennessee).

bursatus (Mueller, 1936) Mueller, J.F., 1937b, 208, 211, 214, 215 (Aplites salmoides; Peace River, Florida).--Mizelle, J. D., 1939a, 12; 1940b, 170-171, 172, 176 (Huro salmoides; Ohio & Florida), Micropterus punctulatus, M. dolomieu; Cove Creek, Caryville, Tennessee).--Mizelle, J. D.; et al., 1956a, 165 (as syn. of Clavunculus bursatus (Mueller, 1936).--Mizelle, J.D.; & Brennan, W. J., 1942a, 140-141 (Lepomis macrochirus (Moore Haven, Florida), Huro salmoides (London, Ohio; Florida), Micropterus punctulatus, M. dolomieu; Caryville, Tennessee).--Mizelle, J.D.; & Hughes, R. C., 1938a, 351.--Seamster, A., 1938b, 606(syn.: Ancyrocephalus bursatus Mueller, 1936).--Sproston, N. G., 1946a, 218, 526, 529 (Helioperca macrochira; Florida).

crescentis Mizelle, J.D.; & Cronin, J. P., 1943a, 200-201, 216, pl. 1, figs. 47-54 (Lepomis microlophus (Günther); Reelfoot Lake, Ridgely, Tennessee).--Mizelle, J. D.; et al., 1956a, 163.--Sproston, N.G., 1946a, 218, 523.

fergusoni Mizelle, J. D., 1938a, 6, 10, 14, 20, 38, 45-46, 80, 81, pl. 5, figs. 148-153 (Helioperca macrochira; Lake Senachwine, Henry, Illinois; Boomer Creek, Stillwater, Oklahoma).--Hargis, W.J., 1952b, 112, 113(Chaenobryttus coronarius, Lepomis m. macrochirus; Westhampton Lake, Univ. Richmond, Virginia); 1953b, 91, 101, 103, pl. 1, figs. 25-30.--Mizelle, J. D.; et al., 1956a, 163 (Lepomis macrochirus; Illinois, Oklahoma, Tennessee, Florida, Wisconsin, Virginia), Chaenobryttus coronarius (Virginia), Lepomis humilis (Oklahoma).--Mizelle, J.D.; & Brennan, W.J., 1942a, 138-139, 142, 143, 1 pl., figs. 27-32 (Lepomis macrochirus; Tennessee, Florida, Illinois, Oklahoma; L. humilis; Oklahoma).--Mizelle, J. D.; & Hughes, R.C., 1938a, 343, 350, 351.--Mizelle, J. D.; & Regensberger, R., 1945a, 673, 674, 675, 696, 697, pl. 1, figs. 1-7 (Leopmis macrochirus; near Woodruff, Wisconsin, & Spooner, Wisconsin, also Lake Senachwine, Henry, Illinois, Boomer Creek, Stillwater, Oklahoma).--Seamster, A., 1938a, 14 (Helioperca macrochira; Stillwater, Oklahoma); 1938b, 606, 610 (Allotis humilis; Oklahoma).--Sproston, N.G., 1946a, 218, 516, 526.

flagellatus Mizelle, J. D.; & Seamster, A., 1939a, 504-505, 506, 507, 1 pl., figs. 35-41 (Chaenobryttus gulosus; Florida).--Bangham, R. V., 1941a, 302 (Warmouth bass; Florida).--Hargis, W.J., (jr.), 1952b, 113 (Chaenobryttus coronarius, Lepomis m. macrochirus; Virginia); 1953b, 91, 101, 103, pl. 1, figs. 31-34.--Mizelle, J.D. 1944a, 177.--Mizelle, J. D.; et al., 1956a, 163-164.--Mizelle, J. D.; & Cronin, J.P., 1943a, 201-202, 216, pl. 1, figs. 28-37 (Chaenobryttus coronarius; Tennessee; Florida).--Sproston, N.G., 1946a, 218, 520.

fusiformis (Mueller, 1934) Mueller, J. F., 1937b, 208, 211, 214 (Aplites salmoides; Peace River, Florida); 1937c, 6, 11, 1 fig. (bass).--Haderlie, E. C.,

1953a, 308, 366, 367, 374, 375, pl. 31c (Micropterus salmoides; gills; northern California).--Hargis, W. J., (jr.), 1952b, 113 (Huro salmoides; Virginia); 1953b, 92 (syn.: Ancyrocephalus cruciatus (Wedl, 1857) Lühe, 1909 as reported by Cooper, 1915; Cleidodiscus fusiformis Mueller, 1934).--Mizelle, J. D., 1939a, 12; 1940b, 169-170, 172, 175, 178, figs. 1-6 (syn.: Ancyrocephalus cruciatus (Wedl)) (Micropterus punctulatus; gills; Norris Lake, Tennessee, Huro salmoides; hatchery, Norris, Tennessee, Micropterus dolomieu).--Mizelle, J. D.; et al., 1956a, 164 (Micropterus salmoides; Florida, Oklahoma, Tennessee, Wisconsin, Virginia, Louisiana).--Mizelle, J. D.; & Cronin, J. P., 1943a, 202, 216 (Huro salmoides; Reelfoot Lake, Ridgely, Tennessee, Florida, Oklahoma, Louisiana, Micropterus dolomieu; State Fish Hatchery Reservoir, Constantia, New York, Ohio Hatcheries, London, Ohio, Syracuse, New York, Cove Creek, Caryville, Tennessee, Micropterus punctulatus; Norris Lake, Norris, Tennessee, Cold Creek, Tennessee, Cove Creek, Caryville, Tennessee.--Mizelle, J. D., & Hughes, R. C., 1938a, 351 (syn.: Cleidodiscus fusiformis Mueller, 1934) (Micropterus dolomieu, M. salmoides).--Mizelle, J. D.; & Regensberger, R., 1945a, 673, 675, 696, 697, pl. 1, figs. 8-11 (Huro salmoides; Wisconsin).--Price, E. W., 1958a, 9 (species of Dactylogyridae Bychowsky "very close to Actinocleidus fusiformis (Mueller)" (Dorosoma cepedianum; Tennessee).--Seamster, A., 1938a, 14 (Helioperca macrochira, Aplites salmoides; Stillwater, Oklahoma); 1938b, 606, 610, (syn.: Cleidodiscus fusiformis Mueller, 1934).--Sproston, N. G., 1946a, 218, 219, 526, 530.--Summers, W. A.; & Bennett, H. J., 1938a, 248 (Aplites salmoides; Baton Rouge, Louisiana).

gibbosus Mizelle, J. D.; & Donahue, M. A., 1944a, 602, 620, 621, pl. 1, figs. 34-42 (Lepomis gibbosus; Algonquin Park, Ontario, Canada).--Bangham, R. V.; & Venard, C. E., 1946a, 3.--Mizelle, J. D.; et al., 1956a, 164.--Sproston, N. G., 1946a, 219, 523 (Eupomotis gibbosus; Algonquin Park, Ontario, Canada).

gracilis Mueller, J. F., 1937b, 209, 211, 216, 217, 218, 219, figs. 17, 26-28 (Lepomis pallidus; gills; Florida).--Mizelle, J. D.; et al., 1956a, 164.--Mizelle, J. D.; & Brennan, W. J., 1942a, 141 (Lepomis macrochirus; Florida).--Mizelle, J. D.; & Hughes, R. C., 1938a, 343, 350, 351.--Seamster, A., 1938b, 606.--Sproston, N. G., 1946a, 219, 526, 528 (Heliperca macrochira; gills; Florida).

harquebus Mizelle, J. D.; & Cronin, J. P., 1943a, 203, 216, pl. 1, figs. 38-46 (Lepomis microlophus; Reelfoot Lake, Ridgely, Tennessee).--Mizelle, J. D.; et al., 1956a, 164.--Sproston, N. G., 1946a, 219.

incisor (Mizelle, 1934) Mueller, J. F., 1937b, 211.--Mizelle, J. D.; et al., 1956a, 168 (as syn. of Cleidodiscus robustus Mueller, 1934); (Lepomis gibbosus; New York, Wisconsin, Chaenobryttus coronarius; Virginia, Lepomis cyanellus; Ohio, Illinois, Lepomis macrochirus; Ohio, Illinois, Louisiana, Tennessee, Florida, Wisconsin, Virginia, New York).--Mizelle, J. D., & Regensberger, R., 1945a, 681 (as syn. of Cleidodiscus robustus Mueller, 1934); 1945a, 681 (Mizelle, 1936) Summers & Bennett, 1938.--Summers, W. A.; & Bennett, H. J., 1938a, 248 (Helioperca incisor; Baton Rouge, Louisiana).

incus Mizelle, J. D.; & Donahue, M. A., 1944a, 602-603, 620, 621, pl. 1, figs. 43-49 (Lepomis gibbosus; Algonquin Park, Ontario, Canada).--Bangham, R. V.; & Venard, C. E., 1946a, 43.--Mizelle, J. D.; et al., 1956a, 164.--Sproston, N. G., 1946a, 219, 523 (Eupomotis gibbosus; Algonquin, Park, Ontario, Canada).

leiognathi Tripathi, Y. R., 1959a, 23, 53-54, fig. 27 (Leiognathus edentulus; River Hooghly, Diamond Harbour, India).

longus Mizelle, J. D., 1938b, 465-466, 469, figs. 8-14 (Apomotis cyanellus; gills; Embarrass River, Urbana, Illinois); 1938a, 6, 31, 41, 43-44, 80, 81, pl. 5, figs. 166-172 (Apomotis cyanellus; Boomer Creek, Stillwater, Oklahoma).--Kimpel, H. G., 1939a, 4 (experiments in immunity) (green sunfishes).--Krueger, R. F., 1954a, 278 (Lepomis cyanellus; gills; Allen Township, Hancock County, Ohio).--Mizelle, J. D.; et al., 1956a, 164 (Lepomis macrochirus; Louisiana, Lepomis cyanellus; Illinois, Oklahoma).--Mizelle, J. D.; & Hughes, R. C., 1938a, 342, 351.--Seamster, A., 1938a, 14; 1938b, 606, 610 (Apomotis cyanellus; Oklahoma).--Sproston, N. G., 1946a, 219, 517, figs. 7 a-c.--Summers, W. A.; & Bennett, H. J., 1938a, 248 (Helioperca incisor; Baton Rouge, Louisiana).

maculatus Mueller, J. F., 1937a, 209, 211-212, 216, 217, 218, 219, figs. 16, 29-31 (Eupomotis gibbosus; gills; Florida).--Mizelle, J. D., 1941b, 98, 101-

102, 103, figs. 17-24 (Eupomotis microlophus; gills; Florida).--Mizelle, J. D.; et al., 1956a, 164 (Lepomis gibbosus, L. microlophus; Florida).--Mizelle, J.D.; & Hughes, R.C., 1938a, 351.--Seamster, A., 1938b, 606.--Sproston, N.G., 1946a, 219, 220, 523, figs. 7 i-m.

oculatus (Mueller, 1934) Mueller, J.F., 1937b, 211, 216(tod)(Eupomotis gibbosus).--Bangham, R.V.; & Venard, C.E., 1946a, 43.--Hargis, W.J., (jr.), 1952b, 113(Lepomis gibbosus; Virginia); 1953b, 92-93, 100, 102, 104, pl. 2, figs. 1-2(syn.: Cleidodiscus oculatus Mueller, 1934).--Mizelle, J.D., 1938a, 41, 43.--Mizelle, J.D.; et al., 1956a, 164 (syn.: Cleidodiscus oculatus Mueller, 1934) (Lepomis gibbosus; New York, Virginia; L. macrochirus; Louisiana).--Mizelle, J. D.; & Donahue, M. A., 1944a, 603-604, 620, 621, pl. 1, figs. 9-17 (Lepomis gibbosus; Algonquin Park, Ontario, Canada).--Mizelle, J. D.; & Hughes, R. C., 1938a, 351.--Seamster, A., 1938b, 606(syn.: Cleidodiscus oculatus Mueller, 1934).--Sproston, N. G., 1946a, 220, 523, 526, 544.--Summers, W. A.; & Bennett, H.J., 1938a, 248 (Helioperca incisor; Baton Rouge, Louisiana).

okeechobeensis Mizelle, J.D.; & Seamster, A., 1939a, 504, 506, 507, 1 pl., figs. 21-34 (Chaenobryttus gulosus; gills; Lake Okeechobee, Moore Haven, Florida).--Bangham, R.V., 1941a, 302 (Warmouth bass; Florida).--Hargis, W.J.(jr.), 1952b, 113 (Chaenobryttus coronarius; Westhampton Lake, University of Richmond, Virginia); 1953b, 93, 102, 104, pl. 2, figs. 3-4, 18.--Mizelle, J.D.; et al., 1956a, 164(Chaenobryttus coronarius; Florida, Virginia).--Sproston, N.G., 1946a, 220, 520.

recurvatus Mizelle, J.D.; & Donahue, M.A., 1944a, 604-605, 620, 621, pl. 1, figs. 50-61(Lepomis gibbosus; Algonquin Park, Ontario, Canada).--Bangham, R. V.; & Venard, C.E., 1946a, 43.--Hargis, W. J.(jr.), 1952b, 113 (Lepomis gibbosus; Virginia); 1953b, 93-94, 102, 104, pl. 2, figs. 5-11.--Mizelle, J.D.; et al., 1956a, 164-165.--Sproston, N.G., 1946a, 220, 524(Eupomotis gibbosus; gills; Ontario, Canada).

scapularis Mizelle, J. D.; & Donahue, M.A., 1944a, 606-607, 620, 621, pl. 1, figs. 1-8 (Lepomis gibbosus; Algonquin Park, Ontario, Canada).--Bangham, R.V.; & Venard, C. E., 1946a, 43.--Mizelle, J.D.; et al., 1956a, 165.--Sproston, N.G., 1946a, 220, 524(Eupomotis gibbosus; gills; Ontario, Canada).

sigmoideus Mizelle, J.D.; & Donahue, M.A., 1944a, 607-608, 620, 621, pl. 1, figs. 18-33(Lepomis gibbosus; Algonquin Park, Ontario, Canada).--Bangham, R.V.; & Venard, C.E., 1946a, 43.--Hargis, W. J., (jr.), 1952b, 113 (Lepomis gibbosus; Virginia); 1953b, 94, 102, 104, pl. 2, figs. 12-15(Lepomis gibbosus; Cross Lake, New York).--Mizelle, J. D.; et al., 1956a, 165.--Sproston, N.G., 1946a, 220, 524(Eupomotis gibbosus; gills; Ontario, Canada).

subtriangularis Mizelle, J.D.; & Jaskoski, B.J., 1942a, 146-147, 152, 153, 1 pl., figs. 33-41 (Lepomis miniatus; Reelfoot Lake, Ridgely, Tennessee.--Mizelle, J. D.; et al., 1956a, 165.--Sproston, N.G., 1946a, 220, 538(Sclerotis miniatus; gills; Tennessee).

triangularis Summers, W. A., 1937a, 432-434, figs. 1-4 (Lepomis symmetricus; Baton Rouge, Louisiana).--Mizelle, J. D.; et al., 1956a, 164(as syn. of Anchoradiscus triangularis (Summers, 1937) Mizelle, 1941).--Mizelle, J.D.; & Hughes, R.C., 1938a, 350, 351.--Seamster, A., 1938b, 606.--Summers, W.A.; & Bennett, H. J., 1938a, 248.

unguis Mizelle, J. D.; & Cronin, J.P., 1943a, 204-205, 216, pl. 1, figs. 55-64 (Huro salmoides; Reelfoot Lake, Ridgely, Tennessee).--Hargis, W. J. (jr.), 1952b, 113(Huro salmoides; Virginia); 1953b, 94-95, 102, 104, pl. 2, figs. 16-17, 19-22.--Mizelle, J.D.; et al., 1956a, 165(as syn. of Clavunculus unguis (Mizelle & Cronin, 1943))(Micropterus salmoides; Tennessee, Wisconsin, Virginia).--Mizelle, J.D.; & Regensberger, R., 1945a, 673, 675, 676, 696, 697, pl. 1, figs. 12-13 (Huro salmoides; Wisconsin).--Sproston, N.G., 1946a, 220, 526.

ACTINODACTYLELLA Haswell, W. A., 1893f, Sept., 153-158, pl. 16, corrigendum (mt. blanchardi), Actinodactylus Haswell, 1893 [not Duchassaing, 1890], renamed; 1894a, 256; (18--), 589-590.--Baer, J.G., 1931b, 6, 19, 28, 31.--Benham, W.B.S., 1901a, 43, 45.--Pratt, H.S., 1900a, 646, 648(key).--Saint-Remy, G., 1898a, 522, 531.

1893: Actinodactylus Haswell, W. A., 1893d, 477[not Duchassaing, 1890] [type blanchardi].

1899: Actinodactynella Monticelli, F.S., 1899b, 81, type haswelli=blanchardi.

blanchardi Haswell, W.A., 1893f, 153-158, pl. 16, corrigendum.--Baer, J.G., 1931b, 4, 5, 14, 28, 29-30 (Engaeus fossor).--Benham, W.B.S., 1901a, 43, figs. 1, 3 (Engaeus fossor).--Pratt,

H.S., 1900a, 655, 657, fig. 1. --Saint-Remy, G., 1898a, 531-532, fig. 2(syn.: Actinodactylus sp. Haswell)(Engaeus fossor; Australia).

ACTINODACTYLELLIDAE Benham, W. B.S., 1901a, 43. --Baer, J.G., 1931b, 28. --Lahille, F., 1922a, 9.'

ACTINODATYLIDAE Haswell, W. A., (?). --Saint-Remy, G., 1898a, 522.

ACTINODACTYLUS Haswell, W. A., 1892g, 342 [not Duchassaing, 1890]; 1893d, 477; 1893f, 153-158, corrigendum, pl. 16, renamed Actinodactylella Haswell. --Monticelli, F. S., 1899b, 116.

ACTINODACTYNELLA Monticelli, F.S., 1899b, 81, 86, 116, 117, 118, 119, 122 (type haswelli Monticelli, 1898=blanchardi Haswell, 1893, see Actinodactylella).

blanchardi Haswell, 1893, teste Monticelli, 1899b, 122.

haswelli Monticelli (1898) Monticelli, F.S., 1899b, 122 (Engeus fossor; Gippsland, Victoria, Australia).

ACTINODACTYNELLINAE Monticelli, F. S., 1899b, 118, 121. -- Pratt, H. S., 1900a, 646, 647 (key) (apparently for Actinodactylellinae) subf. of Temnocephalidae.

ADENODIPLOSTOMUM Dubois, G., 1937c, 392 (tod: A. triangulare (Johnston); 1938b, 156; 1953a, 58.

triangulare (Johnston, 1904) Dubois, G., 1937c, 392 (tod); 1938b, 156, 157-158, 480, figs. 94-95(Dacelo gigas, Australia).

ADENOGASTER Looss, 1901 1, 'Nov. 7, 620-621(mt.:A. serialis); 1902m, 570, 583, 591, 601, 603, 609, 612, 615. -- Fuhrmann, O., 1928b, 40, 122. --Mehra, H.R., 1932a, 327; 1932d, 246. --Pratt, H.S., 1902a, 890, 909(key). --Price, E. W., 1931g, 9. --Ruiz, J.N., 1946a, 254, 280, 289-290.

serialis Looss, A., 1901 1, 620-621; 1902m, 545-548, pl. 26, figs. 71-74, 615, 875, pl. 26, figs. 71-74(Thalassochelys corticata; Alexandria, from Egyptian coast). --Caballero y Caballero, E.; Zerecero y D., M.C.; & Grocott, R.D., 1955a, 166-169, figs. 11-12 (Chelone mydas; Panama). --Gohar, N., 1934a, 330. --Harrah, E.C, 1922a, 293 (75). --Hughes, R.C.; Higginbotham, J. W.; & Clary, J.W., 1941a, 40; 1942a, 115 (Caretta caretta; Egypt). --Pérez Vigueras, I., 1955a, 43, 44-45, fig. 8 (Eretmochelys imbricata, costas de La Habana). --Poche, F., 1926b, 213. --Ruiz, J.M., 1946a, 290.

ADINOSOMA Manter, H.W., 1947a, 344, 385(tod:A. robustum(Manter, 1934). --Yamaguti, S., 1958a, 265.

exodica(MacFarlane, 1936) Skrjabin, K. I.; & Gushanskaia, L. Kh., 1955a, 509, 513-514, fig. 141(syn.:Lecithochirium exodium[sic]MacFarlane, 1936).

japonica (Yamaguti, 1938) Skrjabin, K.I.; & Gushanskaia, L. Kh., 1955a, 509, 514, 519, fig. 142 (syn.: Lecithochirium japonicum Yamaguti, 1938).

microstoma (Chandler, 1935) Skrjabin, K.I.; & Gushanskaia, L. Kh., 1955a, 509, 519-524, fig. 143 (syn.: Lecithochirium microstomum Chandler, 1935). --Kurashvili, B., 1960a, 256 (Sarda sarda; Black Sea).

robustum (Manter, 1934) Manter, H. W., 1947a, 344, 347-348, 371, 373, 374, 376, 385, 386 (Chaunax pictus, Chlorophthalmus truculentus, Merluccius sp. probably M. bilinearis, Paralichthys oblongus, Urophycis chesteri, U. regius; Tortugas, Florida) (syn.: Sterrhurus robustus Manter, 1934).

ADLERIA Witenberg, G.G., 1929b, 131, 136, 138, 141, 143, 206 (not Rohwer & Fagan, 1917); 1930a, 412 (changed to Adleriella n.n.) (mt:A. minutissima).

minutissima Witenberg, G. G., 1929b, 142, 206-209, 233, figs. 30-33 (mt.) (dogs, cats, Discognathus sp., Varicorhinus sp., Barbus canis, Mugil cephalus, Mugil capito; Palestine). --Ciurea, I., 1931a, 290; 1933a, 75. --Price, E.W., 1940c, 9.

ADLERIELLA Witenberg, G.G., 1930a, 412 (n. n. for Adleria Witenberg not Rohwer & Fagan, 1917) (tod: Adleriella minutissima (Witenberg). --Ciurea, I., 1933a, 108.

minutissima (Witenberg) Witenberg, 1930a, 412; 1934a, 236; [1949a], 68.

ADLERIELLINAE Witenberg, G. G., 1930a, 412[n.n. for Adleriinae Witenberg, 1929]. --Ciurea, I., 1933c, 108. --Lopez-Neyra, C.R., 1941a, 358, 359. --Mueller, J.F.; & Van Cleave, H. J., 1932a, 119. --Price, E.W., 1940c, 2, 9.

ADLERIINAE Witenberg, G. G., 1929b, 131, 139, 141, 143, 206; 1930a, 412 (changed to Adleriellinae n.n.). --Lopez-Neyra, C. R., 1941a, 359. --Price, E.W., 1940c, 9. --Skrjabin, K. I.; Pod'iapol'skaia, V. P.; & Shul'ts, R.E.S., 1930a, 17. --Travassos, L.P., 1930e, 61.

ADOLESCARIA Sinitsin, D.F., 1911a, 38 [group name].

species Gvozdev, E.V., 1945b, 41 (Diplophysa strauchi, Narogno-Asiatic region).

adipata Sinitsin, D.F., 1911a, 40, 58, 90, pl. 5, fig. 84(Crenilabrus pavo, epithelium of gill cavity; Black Sea).

appendiculata Sinitsin, D.F., 1911a, 43, 90, 113, pl. 6, fig. 92 (Copepoda, Sagitta; body cavity; Black Sea). --Dollfus, R.P., 1923f, 346.
dimorpha Sinitsin, D.F., 1911a, 42, 90.
discursata Sinitsin, D.F., 1911a, 44, 90.
hydrobia Sinitsin, D. F., 1911a, 39, 90, pl. 5, figs. 82 (Hydrobia ventrosa, liver; Black Sea).
inconstans Sinitsin, D.F., 1911a, 42, 90. --Palombi, A., 1930a, 132 (22).
incystidata Sinitsin, D.F., 1911a, 38, 90 [a condition, not an animal according to A. Hassall].
inkermani Sinitsin, D.F., 1911a, 42, 90.
libera Sinitsin, D.F., 1911a, 43, 90 [A condition, not an animal according to A. Hassall].
macropharynx Sinitsin, D.F., 1911a, 39, 90, pl. 5, fig. 83 (Rissoa venusta; gills; Black Sea).
metagastrica Sinitsin, D.F., 1911a, 43, 90, pl. 6, fig. 91 (Sagitta; body cavity; Black Sea).
ovocaudata Sinitsin, D.F., 1911a, 113.
perla Sinitsin, D.F., 1911a, 38-39, 90, pl. 5, figs. 80-81 (Mytilus edulis, Venus sp.; Black Sea). --Fujita, T., 1925a, 48. --Hughes, R. C., 1929b, 497. --Palombi, A., 1924a, 145, 146, 147.
praematura Sinitsin, D.F., 1911a, 44, 90, 113, pl. 6, figs. 93-94 (Rissoa venusta; liver; Black Sea).
progastrica Sinitsin, D. F., 1911a, 42. 90, pl. 6, fig. 89 (Sagitta; body cavity).
sagittarius Sinitsin, D. F., 1911a, 42.
sanguivora Sinitsin, D.F., 1911a, 40-41, 90, pl. 6, figs. 85-86 (Gobius sp.; sublingual bone).
sinuosa Sinitsin, D. F., 1911a, 42, 90 (Rissoa venusta).
trivolvis (Cort, 1914) Lutta, A. S., 1934a, pl. 7, fig. 25.
valdeinflata (Stossich, 1883) Sinitsin, D.F., 1911a, 41, 90, pl. 6, figs. 87-88, (Gobius sp.; cavity of urinary bladder).
variegata Sinitsin, D.F., 1911a, 113.
zostera Sinitsin, D.F., 1911a, 42, 90.
AEPHNIDIOGENES Nicoll, W., 1915d, 26 (tod: A. barbarus). --Cable, R.M.; & Hunninen, A.V., 1942a, 307 (Lepocreadiidae, Lepocreadiinae). --Fuhrmann, O., 1930a, 131. --Manter, H.W., 1947a, 277. --Ozaki, Y., 1932a, 45. --Poche, F., 1926b, 174 (supersuperfam. Fasciolida; fam. uncertain). --Yamaguti, S., 1934a, 344 (emend. Allocreadiidae, Aephnidiogenetinae n. subfam.); 1958a, 126-127.
barbarus Nicoll, W., 1915d, 26-29, pl. 4, fig. 3 (tod) (Pomadasis hasta). --Johnston, T.H., 1916a, 62 (Pomadasis hasta; intestine; North Queensland). --Thomas, J. D., 1960a, 321-324, 326, figs. 1-3 (syn.: A. isagi Yamaguti, 1939) (Pristipoma (Pomadasis) jubelini; intestine; Accra area, Ghana). --Yamaguti, S., 1934a, 341-342 (Parapristipoma trilineatum; Inland Sea, Japan); 1939e, 211, 217.
isagi Yamaguti, S., 1939e, 211, 217-218, 229, pl. 30, fig. 12 (Parapristipoma trilineatum; small intestine; Inland Sea, Japan). --Thomas, J.D., 1960a, 321-324, 326, figs. 1-3 (as syn. of Aephnidiogenes barbarus Nicoll, 1915).
levenseni (Linton, 1907) Manter, H. W., 1947a, 276 (nec Linton's fig. 80 (1907), nec Linton's figs. 75-77 (1910); as syn. of Lepidapedon levenseni (Linton, 1907)). --Nicoll, W., 1915d, 28, 29.
major Yamaguti, S., 1934a, 250, 342-344, fig. 42 (Plectorhynchus pictus; small intestine; Tarumi, [Japan]).
ptochus Nicoll, W., 1915d, 28-29 (syn.: Distomum levenseni partim).
rabdosargi Prudhoe, S., 1956a, 72-74, fig. 1 (Rhabdosargus sarba; stomach; Durban Bay, South Africa).
senegalensis Dollfus, R.P.F.; & Capron, A., 1958b, 311-319, pl., figs. 1-2 (Labrax punctatus = Morone punctata; Senegal).
AEPHNIDIOGENETINAE Yamaguti, S., 1934a, 344 (Allocreadiidae); 1958a, 126 (includes: Aephnidiogenes Nicoll, 1915; Neolepidapedon Manter, 1954). --Manter, H.W., 1936b, 36; 1947a, 277.
AEQUISTOMA Beaver, P. C., 1942a, 31 (tod: A. advena) nom. nov. for Pseudechinostomum Shchupakov, 1936, preoccupied by Pseudechinostomum Odhner, 1911.
advena (Shchupakov, 1936) Beaver, P.C., 1942a, 31 (syn.: Pseudechinostomum advena Shchupakov, 1936) (Phaco [i.e. Phoca] caspica; small intestine; Caspian Sea).
(AERATUS) Oshmarin, P. G., 1948a, 187 (n. subg. of Petasiger) (no type given).
AFROBILHARZIA LeRoux, P. L., 1958a, 13 (tod: A. mansoni (Sambon, 1907)).
mansoni (Sambon, 1907) LeRoux, P. L., 1958a, 13 (tod).
rodhaini (Brumpt, 1931) LeRoux, P. L., 1958a, 13 (man, dogs; central Africa).
AGAMADISTOMUM Dzhunkovski, R., 1934a, 128 (for Agamodistomum Stossich, 1892).
AGAMODISTOMA Railliet, A., 1893a, 376 (for Agamodistomum).
AGAMODISTOMUM Stossich, M., (1892a), 4, 33-34 [collective group for immature forms, requires no type]; 1895c, 33; 1895d, 228-229; (1898c), 58. --Bittner,

H.; & Sprehn, C. E. W., 1928a, 114, 115.--Castellani, (Sir) A.; & Chalmers, A. J., 1910a, 354, 361; 1913a, 472.--Dzhunkovski, E. P., 1934a, 128.--Fuhrmann, O., 1928b, 78, 91, 94.--Gedoelst, L., 1911a, 93.--Lutz, A., 1933a, 33-49.--Martini, E.[1], 1923a, 275.--Monticelli, F. S., 1893i, 154.--Neveu-Lemaire, M., 1912a, 615.--Pearse, A. S., 1913f, 143.--Railliet, A., 1898b, 172 (syn.: Distomulum Brandes 1892).--Reichenow, E.; & Wülker, G., 1929a, 168.--Stiles, C. W., 1898a, 28; 1904i, 8, 11, 12, 13; Stiles, C. W.; & Hassall, A., 1898a, 82, 96; 1899a, 117; 1900a, 559; 1902f, 360.--Ward, H. B., 1917c, 6; 1918a, 411.--Wardle, R. A., 1929a, 50.

1892: Distomulum Brandes, G. P. H., 1892b, Oct. 7, 510.

1893: Agamodistoma Railliet, A., 1893a, 376.

species Agerth, E., 1915a, 289-291 (wild schwein).

species Boughton, R. V., 1937a, 8, 25-27, 29, 30, 31, 32, 34 (Bonasa umbellus, Pedioecetes phasianellus campestris; Minnesota).

species Bump, G., 1942a, 219 (muskrats; Vermont).

species (of Dogiel et Bychowsky, 1939) Dubinin, V. B., 1952e, 232-233, fig. 5 (as syn. of Cyathocotyle sp.) (Volga River delta).

species Menon, M. A. U., 1938a, 391-393, pl. 27, figs. a-d (very similar to Agamodistomum sintoni) (Anopheles culicifacies; encysted in abdomen & thorax; South Travancore).

species v. Ostertag, R., 1932a, 496-497, fig. 187 (Schwein; Muskulatur).

species Parona, C., 1912a, 40 (Anopheles clagiver; Roma); 1912a, 40 (Paludina vivipara, P. achatina).

species Pratt, H. S., 1923a, 70 (Campomela integrum; liver; Oneida Lake, New York).

species Rotarides, M., 1933a, 215 (=Metorcercarium) (Planorbarius corneus; im Bindegewebe des Fusses, als auch in dem Mantelwulstes; Tumpel in Hamborgskov, Insel Laaland, Dänemark).

species Sumwalt, M., 1926a, 77-78.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 39; 1942a, 133 (Thamnophis sirtalis, T. ordinoides; Washington State).

anguis (von Linstow, 1885) Stossich, M., 1895d, 229 (Anguis fragilis).--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 36; 1942a, 128 (Anguis fragilis).

anophelis van Thiel, P. H., 1922a, 305-321, 1 pl., figs. 1-4; 1925a, 396, 397, 399 (Anopheles maculipennis); 1926b, 300-305 (Anopheles maculipennis); 1930a, 103-112, figs. 1-3.--Hall, M. C., 1929b, 25, 57 (Anopheles maculipennis-secondary host).--Ingles, L. G., 1933b, 138 (Anopheles maculipennis; Europe).--Sinton, J. A., 1932a, 350.

apodis (Packard, 1882) Ward, H. B., 1918a, 411.--Hall, M. C., 1929b, 25, 61 (Apus sp.-secondary host).

barlowi Faust, E. C., 1924e, 258-259 (Shaohsin, China).

beroes (Will, 1844) Parona, C., 1912a, 40 (Beroe forskali (B. rufescens); Trieste).

buccini mutabilis (de Filippi, 1885) Parona, C., 1912a, 40 (Nassa mutabilis (Buccinum mutabile).--Palombi, A., 1930a, 138 (p. 28) (as syn. of Diphterostomum brusinae Stossich).

capsulare (Diesing, 1858) Stossich, M., 1892c, 176 (Ardea cinerea, A. purpurea, Crex pratensis, Nycticorax griseus, Podiceps auratus, P. nigricollis).

chimaerae Ariola, V., 1899a, 8-10, pl. 5, fig. 7 (Chimaera monstrosa; Genova, Italy); 1899e, 129-138.--Odhner, T., 1911h, 528, 529.

coelebs (von Linstow, 1875) Stossich, M., 1892c, 176 (Fringilla coelebs; Ratzeburg).

crassicaudatum (Busch, 1851) Parona, C., 1912a, 40 (Sagitta sp. ?; Trieste).

delphini (Diesing, 1850) Price, E. W., 1932h, 57, 58 (syn.: Monostomum delphini Diesing, 1850; Monostomum blainvillei Cobbold, 1860; Monostomulum delphini (Diesing, 1850) Brandes, 1892) (Delphinus dalei (probably = Mesoplodon bidens); Havre, France).--Baylis, H. A., 1932b, 398 (as syn. of Monostomum delphini Diesing, 1850).

fimbriatum (Busch, 1851) Parona, C., 1912a, 40 (Sagitta sp. ?; Trieste).

gobii Stossich, M., (1898c), 58-59 (Gobius jozo; intestine; Triest).

la-ruei Hughes, R. C., 1928d, 413-420, figs. 1-3 (Procyon lotor lotor; lungs; Michigan).--Bosma, N. J., 1934a, 130 (compared with mesocercaria of Alaria mustelae).--Freund, L., 1930c, 38.--Lutz, A., 1933a, 34, 41, pl. 2, fig. 6; German text 51, 58.

isostomum (Rudolphi, 1819) Parona, C., 1912a, 40 (Astacus fluviatilis; Pavia).

marcianae (La Rue, 1917) Cort, W. W., 1918b, 130-134, figs. 1-3 (Rana pipiens, R. clamitans; tissue & lymph spaces, Thamnophis sertalis; digestive tract & body cavity; Douglas Lake, Michigan);

1925a, 114(Thamnophis, Planorbis trivolvis, P. campanulatus smithi). --Bosma, N.J., 1934a, 116, 119, 120, 125, 129, 130, 131, 139.--Cort, W. W.; & Brooks, S. T., 1928a, 195-203, 210, fig. 6.-- Dubois, G., 1929a, 149.--Faust, D. C., 1932d, 461, fig. 5.--Freund, L., 1930c, 38.--Hughes, R.C., 1927a, 253; 1928d, 413, 414, 415, 416-417, 418, 419, fig. 3.--Hughes, R.C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 39; 1942a, 132-133(synonymy).--Johnson, J.C., 1920a, 360.--Lutz, A., 1929a, 129; 1933a, 34, 41, pl. 2, figs. 5-5a; German text, 51, 58.--Miller, H.M., 1926c, 13, 14, 79.--Zebrowski, G., 1923a, 208.

martiranoi Stiles, C. W., 1903aa, 15 (Anopheles claviger; Italy), based on Martirano, F., 1901d, 849-852, figs. 1-4 [see also Martirano, F., 1901b, 1089-1091, figs. 1-4; 1901c, 274; 1902a, 73; 1902b, 358].--Corradetti, A., 1937a, 42, 43, 44-46, 48, 49, 51, 1 fig., pl. 2, figs. 1-5 (Anopheles maculipennis; Italy).--Hall, M. C., 1929b, 25, 57(Anopheles bifurcatus, A. claviger-secondary host).--Sinton, J. A., 1932a, 350 (Anopheles claviger).

nanus Stiles, C.W.; & Goldberger, J., 1908a, 30-33, figs. 45-66(Francolinus subtorquatus; encysted in pectoral muscle; West Africa); 1909a, 568.--Hughes, R. C., 1929c, 17 (as syn. of Diplostomulum nanus (Stiles & Goldberger)).

neuroganglionum Corradetti, A., 1937a, 43, 46-48, 49, 51, 1 fig., pl. 3, figs. 1-7 (Anopheles maculipennis; gangli cefalici, ganglio toracico; Italy).

norvegicum Loewen, S.L., 1934b, 250-251, fig. 1 (Epimys norvegicus; diaphragm muscles; Sterling, Kansas).

ophthalmobium (Diesing, 1850) Stossich, M., (1892a), 33(man).--Castellani, (Sir)A.; & Chalmers, A.J., 1910a, 352, 361, 376; 1913a, 472, 487; 1919a, 594, 2007.--Gedoelst, L., 1911a, 93(infant).--Guiart, J., 1910a, 300.--Guiart, J.; & Grimbert, L.L., 1912a, 790.--López-Neyra, C.R., 1924a, 15.--Masters, W. E., 1920a, 511.--Neveu-Lemaire, M., 1921e, 199.--Stiles, C.W., 1902s, 24, 29-34; 1903u, 223 (ophthalmothium); 1904i, 12, 13, figs. 1-4 (synonymy) (man; Dresden); 1914a, 245(man; between crystalline lens & its capsule; Dresden).--Ward, H.B., 1903m, 866; 1918c, 9276, fig. 3.

ophthalmothium Luehe in Stiles, C.W., 1903u, 223, for ophthalmobium.

ordinata (Nicoll, 1912) Hughes, R. C., 1928d, 417-418.--Hughes, R.C.; Higginbotham, J.W.; & Clary, J.W., 1941a, 39; 1942a, 133(synonymy) (Thamnophis sirtalis; American snake, died in London).

pelagiae (Koelliker, 1849) Parona, C., 1912a, 40 (=D. köllikerii Cobb., ? D. calyptrocotyle Montic.) (Pelagia noctiluca; Napoli, Argonauta argo; Messina).

physophorae (Koelliker, 1849) Parona, C., 1912a, 40(Physophora tetrasticha; Napoli).

planorbis carinati (de Filippi, 1857) Parona, C., 1912a, 40(Planorbis carinatus; Torino).

polymorphum (de Filippi, 1837) Parona, C., 1912a, 40 (Planorbis submarginatus; Pavia).

pusillum (Braun, 1790) Stossich, M., (1892), 33 (Erinaceus europaeus; Greifswald; Rennes).

putorii (Molin, 1858) Stossich, M., (1892a), 34(Putorius communis; Padova, Ratzeburg).--Hughes, R.C., 1928d, 418 (Foetorius putorius).--Lutz, A., 1933a, 41, pl. 1, figs. 2-2b; German text, 58.

renale (de Filippi, 1855) Parona, C., 1912a, 40 (Helix aspersa; Torino).

sintoni van Thiel, P.H., 1922a, 315, 318, 319; 1925a, 396, 397 (Anopheles funestus v. listoni; 1926b, 300, 301(Anopheles funestus v. listoni).--Hall, M.C., 1929b, 25, 57 (Anopheles funestus listoni, A. culifacies [sic]-secondary hosts, A. listonii).--Menon, M.A.U., 1938a, 391-393, pl. 27, figs. a-d(Agamodistome [sp.] very similar to A. sintoni) (Anopheles culicifacies; South Travancore).--Sinton, J. A., 1932a, 350.

suis Stiles, C.W., 1898a, 22, 28, 29, 143, fig. 1(Sus scrofa domestica; Germany); Distoma musculorum suis Duncker, 1896a, 279, renamed.--Agerth, E., 1915a, 289(Wildschwein).--Baars, G., 1942a, 255-257, figs. 1-6 (Wildschwein; Muskulatur).--Bittner, H.; & Sprehn, C. E. W., 1928a, 27.--Bugge, G., 1943b, 101(Dachs); 1943c, 21-24, figs. 1-8(Schwein); 1943d, 141-145; 1944a, 76, figs. 1-5 (grasfrosch).--Dzhunkovski, E. P., 1934a, 116, 128; (svinja; Jugoslavia).--Fiebiger, J., 1912a, 162, fig. 77; 1923a, 148, 163, 408, 420, figs. 91 (4), 106.--Hemmert-Halswick, A.; & Bugge, G., 1934a, 391, fig. 27 (differential diagnosis in trichinosis).--Hughes, R.C., 1928d, 418 (Sus scrofa domestica).--López-Neyra, C.R., 1924a, 15.--Lutz, A., 1933a, 41, pl. 1, fig. 3; German text, 58.--Railliet, A., 1898b, 172

(porc).--Skrjabin, K.I., 1925b, 143.--Sprehn, C.E.W., 1932c, 368, 808(syn.: Distomum musculorum suis Duncker, 1896) (Sus scrofa; Deutschland, Nord-Amerika).--Staśkiewicz, G., 1947a, 29, 30, 31, figs. 1-9.--Stefański, W.; & Tarczyński, S., 1953a, 149-153, fig. 1 (sanglier); 1953b, 294-297 ("a larva of Alaria alata Goeze, 1782").--Ziegler, M., 1929a, 516-517.--[See also Braun, M.G.C.C., 1893a, 870.--Duncker, H.C.J., 1881a, 23-25, 154; 1881d, 141; 1884a, 39-42; 1896a, 279-282.--Leuckart, K.G.F.R., 1881b, 46.--Schneidemühl, G., 1896a, 302].--Stiles, C.W.; & Hassall, A., 1900a, 559-560, fig. 23; 1902f, 360; 1904c, 22].

tetracystis (Gastaldi, 1854) Hughes, R.C., 1928d, 416(Rana esculenta).

valdeinflatum (Stossich, 1883) Stossich, M., (1898c), 59 (Gobius jozo; Triest) "Rappresenta la larva dell'Echinostoma cesticillus Molin".--Barbagallo, P.; & Drago, U., 1903a, 411 (Gobius jozo; Cantania).--Ciurea, I., 1920a, 176.

velellae (de Filippi, 1843) Parona, C., 1912a, 40(Velella spirans; Napoli).

viperae (von Linstow, 1877) Stossich, M., 1895d, 228 (Pelias berus).--Hughes, R.C.; Higginbotham, J.W.; & Clary, J.W., 1941a, 40(Vipera berus);

vitrinae (T. Tozzetti, 1873) Parona, C., 1912a, 40(Vitrina bonellii; Bosco della Verna).

AGAMOSTRIGEA [for Apharyngostrigea Ciurea, 1927] Lutz, A., 1933b, 372.

AHAPLOSPLANCHNUSINAE Chauhan, B.S., 1954d, 382, 384(Haplosplanchnusidae).

AHEMIURINAE Chauhan, B.S., 1954d, 289, 300, 302-303(keys).--Manter, H.W.; & Pritchard, M.H., 1960b, 165(as syn. of Aphanurinae Skrjabin & Guschanskaia, 1954).

AHEMIURUS Chauhan, B.S., 1954d, 289, 302, 307(tod: A. karachii; Srivastava, 1941).

karachii (Srivastava, 1941) Chauhan, B.S., 1954d, 289, 299, 307-309, fig. 3 (Clupea longiceps; stomach; Arabian Sea, Karachi, Pakistan).

AIARIA Isaichikov, I.M., 1925e, 3 [for Alaria].

"Alaire" Blainville, M.H.D., 1824e, 518, see Alaria Blainville of Diesing, 1850a.--Leblond, C., 1837a, 518, Atlas 59, pl. 14, fig. 15 (teste Diesing, K.M., 1850a, 374).

"ALARIA Blainville" of Diesing, K.M., 1850a, 331 (for "alaire"[q.v.] Blainville, M.H.D., 1824a, 518, see Dujardin, F., 1845a, 437. See also Alaria Schrank.

(ALARIA) Krause, R.K.L., 1914a, 233.--Dubois, G., 1938b, 330, 331-332 (type: Alaria(Alaria)alata).

ALARIA Schrank, F.V.P., 1788a, 52 (mt. A. vulpis) [not Alaria Duncan, 1841, lepidopteron; Lycett, 1850, mollusk].--Abildgaard, P.C., 1790a, 63 (syn. of Distomum vulpina).--Baylis, H.A., 1929c, 54.--Bittner, H.; & Sprehn, C.E.W., 1928a, 3, 133.--Brandes, G.P.H., 1888a, 8.--Braun, M.G.C.C., 1893a, 884, 894, 902.--Chandler, A.C., 1942h, 158, 164.--Diesing, K.M., 1850a, 307 (syn. of Hemistomum).--Dubois, G., 1932c, 376, 393, 395 (syn.: Hemistomum Diesing, 1850 p.p.); 1932a, 385; 1933b, 212, 214, fig.; 1936a, 511; 1938b, 30, 330; 1953a, 77-81 (syn.: Hemistomum Diesing, 1850 ex parte nec Swainson; Conchosomum Railliet, 1896).--Encycl. Méthod., Paris, v. 2, 20.--Fuhrmann, O., 1928b, 40, 128.--Hall, M.S.; & Wigdor, M., 1918g, 618 (type: A. alata; Goeze, 1782); 1919c, 139.--Isaichikov, I.M., 1925e, 3.--Knoch, C., 1862d, 30.--Lamouroux, J.V.F., 1822a, 194.--LaRue, G.R., 1926d, 12, 16.--Lutz, A., 1931a, 337, 347, 348.--Poche, F., 1926b, 191.--Railliet, A., 1919d, 229, 232.--Southwell, T.; & Kirshner, A., 1937e, 253.--Sprehn, C.E.W., 1928e, 131; 1932c, 339 (syn. Hemistomum Diesing, 1850).--Sudarikov, V.E., 1959a, 326-332.--Tubangui, M.A., 1922a, 7.--Wallace, F.G., 1939a, 60.

species Cameron, T.W.M., 1928a, 87 (Felis planiceps; small intestine; London Zoo).

species Cameron, T.W.M., 1931e, 153 (Sarcophilus harrisii; Scottish Zoological Park, Edinburgh).--Imperial Bureau of Agricultural Parasitology, St. Albans, England, 1933b, 200, 244 (Sarcophilus harrisii; intestine; Scottish Zoological Park, Edinburgh).

species Cameron, T.W.M.; Parnell, I.W.; & Lyster, L.L., 1940a, 331 (sledge-dog; northern Canada & Newfoundland).

species Cuckler, A.C., 1940b, 36 (Migration & development).

species Fallis, A.M., [1954a], 19-20 (2 species in foxes).

species Frandsen, J.C.; & Grundmann, A.W., 1960c, 678 (Bufo woodhousii, Rana pipiens; Utah).

species Grini, O., 1931a, 13.

species Gunn, C.D., 1948a, 7 (treatment in foxes).

species Hanson, K.B., 1933e, 17 (minks; intestine; northern U.S.).

species Koutz, F. R., 1944a, 203.
species LeRoux, P. L., 1937a, 63 (jackals; Northern Rhodesia).
species Linton, E., 1928b, 30, pl. 10, figs. 66-67 (Larus delawarensis; intestine; Woods Hole).
species Lutz, A., 1933a, 42, 60, pl. 5, fig. 4 (Thoas cancrivorus).
species (alaria ou nattereri) Lutz, A., 1933a, 42, 60, pl. 5, figs. 1-2 (Leptodactylus pentadactylus, gatinho, cãozinho).
species Mackerras, M. J., 1958b, 106 (Sarcophilus harrisii).
species Olivier, L. J., 1940b, 451 (syn.: Cercaria marcianae Cort & Brooks) (Helisoma trivolvis, H. campanulatum, Rana pipiens). --Walton, A. C., 1947d, 684 (Rana clamitans; North America).
species Pearson, J. C., 1951a, 25 (Martes a. americana).
species Popov, V. A., 1949a, 128 (Mustela vison; intestine; Tartar ASSR).
species Price, E. W., 1928e, 201 (dog; Texas).
species Price, E. W., 1928e, 202 (dog; Texas).
species Ramanujachari, G.; & Alwar, V. S., 1954a, 48 (kite; intestine; Madras).
species Rausch, R., 1959c, 465-466, 480, 483 (Gulo gulo; small intestine; Alaska).
species Shaw, J. N., 1947a, 4 (eastern brook trout; Oregon).
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pseudoclathrata (Krause, 1914) La Rue, G. R., 1926e, 277; 1926c, 6.--Dubois, G., 1932c, 394; [1935b], 166, 168-172, figs. 14, 16, 18, 20 (Lutra brasiliensis); 1938a, 149 (syn.: Hemistomum pseudoclathratum Krause, 1914, H. clathratum (e. p. Diesing, e. p. Brandes, 1890); 1938b, 332, 353-355, 472, 473, figs. 245-248 (subg. Paralaria); 1953a, 78, 81.--La Rue, G. R.; & Barone, G. H., 1932a, 199, 205.--La Rue, G. R.; & Townsend, E. W., 1932a, 253, 255, 256, 259, 262.

putorii (Molin, 1858) Dubinin, V. B., 1952e, 248, 255-257 (as syn. of A. alata (Goeze, 1782)).

robusta Verma, S. C., 1936c, 172-173 (king vulture; Allahabad district).--Bhalerao, G. D., 1942f, 214 (king vulture; intestine; Allahabad).--Dubois, G., 1938b, 332, 355-356, 473, 475 (Otogyps calvus; intestine; India); 1953a, 78.

taxideae Swanson, G. A.; & Erickson, A. B., 1946a, 17-19, pl., figs. 1-7 (Taxidea taxus, Mustela cicognanii, M. frenata, Mephitis mephitis, Spilogale putorius; Minnesota).--Babero, B. B., 1960c, 26 (Mephitis mephitis, Louisiana.--Dubois, G., 1953a, 78, 81 (subg. Paralaria).--Erickson, A. B., 1946a, 496, 497, 498, 499, 501, 502, 503, 504 (Mustela erminea cicognanii; Minnesota).--Goldberg, A., 1954a, 31 (Mephitis m. nigra; Maryland).--Pearson, J. C., 1956a, 295 (Martes americana).--Webster, G. A.; & Wolfgang, R. W., 1956a, 596, 597, 598, 599, fig. 2.--Yamaguti, S., 1958a, 947.

tetracystis (Gastaldi, 1854) Brumpt, E., [1945d], 118-124, fig. 1 (Tropidonotus natrix; blood; Porto-Vecchio).

vulpis Schrank, F. v. P., 1788a, 52 (Planaria alata vel dubia Goeze, 1782a, 176-177, pl. 14, figs. 11-13, from Canis vulpes, renamed).--Brandes, G. P. H., 1888a, 69 (syn. of Hemistomum alatum).--Diesing, K. M., 1850a, 308 (syn. of Hemistomum alatum; includes also alata Goeze as syn.).--Hall, M. C.; & Wigdor, M., 1918g, 617.--Lamouroux, J. V. F., 1822a, 194.--Prokopič, J., 1960b, 139, 142-143, 147, fig. 3 (as syn. of Alaria alata (Goeze, 1782).--Riley, W. A., 1921a, 90 (as syn. of Conchosomum alatum).--Rudolphi, C. A., 1809a, 402 (syn. of Distomum alatum Zed.).--Sprehn, C. E. W., 1932c, 340.--Yamaguti, S., 1958a, 945 (as syn. of A. alata (Goeze, 1782)).

ALARIEAE Hall, M. C.; & Wigdor, M., 1918g, 618.

ALARIIDAE Tubangui, M. A., 1922a, 7.--Dubois, G., 1932a, 386; 1932c, 375, 391, 392-393; 1933b, 214; 1936a, 511.--Faust, E. C., 1932d, 461.--Sprehn, C. E. W., 1932c, 338.

ALARIINAE Hall, M. C.; & Wigdor, M., 1918g, 618.--Chandler, A. C., 1942h, 159, 166 "merged with the Diplostominae".--Dubois, G., 1932a, 385; 1932c, 375, 391, 393; 1933b, 212, 214; [1935b], 148 (diagnosis); 1936a, 511

(Diplostomidae. Includes:Alaria, Pharyngostomum, Fibricola, Cynodiplostomum);1938b, 10, 12, 28, 329-330, chart; 1953a, 76 (syn.: Hemistomidae Brandes, 1888 ex parte; Conchosominae Railliet, 1896; Alarieae Hall et Wigdor, 1918);1953a, 48, 76-77(key).--Fuhrmann, O., 1928b, 44, 128.--Harkema, R.; & Miller, G.C., 1959b, 25.--Lal, M.B., 1939c, 173, 181(Strigeidae).--La Rue, G. R., 1926d, 12, 15-16.--Sprehn, C.E.W., 1932c, 339.--Szidat, L., 1929a, 682.--Yamaguti, S., 1958a, 596.

ALASSOSTOMA Stunkard, H.W., 1916b, 24 (tod: A. magnum); 1917a, 344-346; 1924b, 103 "the name Allassostoma intended for the genus was printed Alassostoma". For all species see under Allassostoma.

ALCICORNIDA Poche, F., 1926b, 239.

ALCICORNIDAE Poche, F., 1926b, 240.--Fuhrmann, O., 1928b, 100[spelled Alicornidae].

ALCICORNINAE Tendeiro, J., 1954h, 35, 36 (includes: Alcicornis MacCallum, 1917, Mordvilkovia Pigulewski, 1931, Dollfustrema Eckmann, 1934).

ALCICORNIS MacCallum, G.A., 1917b, 62-63(type: A. carangis).--Eckmann, F., 1932a, 106, 109 (as syn. of:Bucephalus).--Fuhrmann, O., 1928b, 100.--Kniskern, V. B., 1952a, 255, 263-264 (key).--Manter, H. W., 1940a, 334, 335 (Bucephalidae, Prosorhynchinae).--Nagaty, H.F., 1937a, 9, 14, 15, 130-133.--Poche, F., 1926b, 240 (Alcicornidae).

baylisi Nagaty, H. F., 1937a, 10, 133-141, 3 pls., figs. 62-64 (Caranx sp.; Koseir, Red Sea).--Yamaguti, S., 1942c, 329, 331-332, fig. 2 (Caranx equula; Naha, Okinawa Prefecture.

carangis MacCallum, G.A., 1917b, 62-63, fig. 29 (Caranx ruber; New York Aquarium).--Eckmann, F., 1932a, 109(as syn. of: Bucephalus carangis).--Nagaty, H.F., 1937a, 132, 133, 1 pl., fig. 61.--Odhner, T., 1927a, 6.--Pérez Vigueras, I., 1955a, 37-39, fig. 3(Elaphotoxon ruber, ciegos, Havana).--Siddiqi, A. H.; & Cable, R.M., 1960a, 268, 328, fig. 3 (Caranx ruber; stomach; Parguera, Puerto Rico).

cirrudiscoides Velasquez, C.C., 1959a, 143, 146, 147, figs. 23-25, (Caranx sp.; intestine; Philippines).

longicornutus Manter, H.W., 1954b, 475, 481, 482-483, 563, fig. 2(Katheto-stoma giganteum, intestine; Wellington).

ALICORNIS Fuhrmann, O., 1929b, 100 [for Alcicornis].

ALIPTREMA Ruiz, J. M.; & Teixeira Leão, A., 1955a, 485-486 (tod: Aliptrema ribeiroi n. sp.).

ribeiroi Ruiz, J. M.; & Teixeira Leão, A., 1955a, 485, 486-487, 488-489, pl. I, figs. 1-5(Liophis miliaris; cavidade bucal e esofagiana; Estado de São Paulo, Brasil).

ALLACANTHOCHASMUS Van Cleave, H. J., 1921e, 43; 1922a, 1-8(tod: A. varius n. sp.); 1922b, 115.--Cable, R. M.; & Hunninen, A.V., 1942b, 415.--Ciurea, I., 1933c, 107(Neochasminea).--Fuhrmann, O., 1928b, 105.--Mueller, J.F.; & Van Cleave, H.J., 1932a, 79, 81, 84, 115, 119, 126, 127, 130-132.--Poche, F., 1926b, 165(Acanthostomidae).--Price, E. W., 1940c, 10 (Cryptogonimidae, Neochasminae).--Van Cleave, H.J.; & Mueller, J.F., 1931a, 132-133; 1934a, 178, 180, 223(key).--Yamaguti, S., 1934a, 366; 1958a, 226-227.

species Bangham, R. V.; & Venard, C. E., 1942a, 25, 30, 36, (Anguilla rostrata, Gambusia patruelis; Reelfoot Lake).

species Van Cleave, H. J.; & Mueller, J. F., 1934a, 225 (Perca flavescens, Stizostedion vitreum, Percina caprodes zebra, Esox niger, Micropterus salmoides, Ameiurus nebulosus, A. natalis; intestine; Oneida Lake).

artus Mueller, J.F.; & Van Cleave, H. H., 1932a, 79, 80, 82, 83, 84-85, 122, 123, 127, 128, 129, 130, 131, pl. 15, figs. 1-2, 4, pl. 24, figs. 55-57, pl. 25, fig. 67 (Lepibema chrysops; intestine; Oneida Lake).--Bangham, R. V., 1955a, 190; Bangham, R.V.; & Venard, C. E., 1942a, 29, 35, 36(Lepibema chrysops, Chrysoperca interrupta, Opladelus olivaris).--Miller, G.C., 1958a, 702.--Mueller, J.F., 1934c, 345-348, pl. 43, figs. 6-12.--Nigrelli, R.F., 1940b, 550 (Morone interrupta; New York Aquarium); 1940d, 178(Morone interrupta; Illinois). Van Cleave, H.J.; & Mueller, J. F., 1934a, 224, 225.

varius Van Cleave, H. J., 1922a, 4-7, figs. 1-2(tod)(Roccus chrysops; Mississippi river and tributary lakes at Sandusky, Ohio).--Bangham, R. V., 1933a, 224 (Micropterus dolomieu); 1955a, 190(Lepibema chrysops); Bangham, R.V.; & Hunter, G. W., 1939a, 402, 409, 410, 414, 437, 447 (Lepibema chrysops, Labidesthes sicculus; Lake Erie); Bangham, R.V.; & Venard, C.E., 1942a, 35, 36 (Lepibema chrysops; Chrysoperca interrupta; Reelfoot Lake).--Dollfus, R.P.F., 1922e, 312.--Miller, G.C., 1958a, 702.--Mueller, J.F., 1934c, 346, 347, 348-349, pl. 43, figs. 1-5.--Mueller, J. F.; & Van

Cleave, H. J., 1932a, 82, 83, 84, 85, 122, 123, 127, 128, 129, 130, 131, pl. 15, fig. 3, pl. 24, figs. 57-61, pl. 25, fig. 68.--Nigrelli, R. F., 1940b, 550 (Morone interrupta; New York Aquarium); 1940d, 178 (Morone interrupta; Roccus chrysops = Lepibema chrysops; Illinois).--Pearse, A. S., 1924b, 170.--Van Cleave, H. J.; & Mueller, J. F., 1932a, 21; 1934a, 224, 225, fig. 52 (Lepibema chrysops; intestine; Oneida Lake).--Verma, S. C., 1927a, 140.

ALLADISCOCOTYLIDAE Tripathi, Y. R., [1959a], 108-109, 113.

ALLADISCOCOTYLINAE Tripathi, Y. R., [1945a], 109, 113.

ALLASSOGONOPORINAE Skarbilovich, T. S., (?1943); 1948a, 339, 574-585.--Ogata, T., 1954a, 124.--Yamaguti, S., 1958a, 812 (key) (includes; Allassogonoporus Olivier, 1938; Myotitrema Macy, 1939.

ALLASSOGONOPORUS Olivier, L. J., 1938b, 155, 157-159 (mt: A. marginalis n. sp.) (Lecithodendriidae).--Gilfold, J. H., 1955a, 27-28.--Macy, R. W., 1940d, 50-51.

amphoraeformis (Mödlinger, 1930) Dubois, G., 1956a, 691-693, 694, fig. 2 (Myotis m. mystacinus; intestine; Switzerland).--Hurková, J., 1959a, 29-30, fig. 6 (Myotis mystacinus, M. myotis; Czechoslovakia).

marginalis Olivier, L. J., 1938b, 155, 156-157, 159, fig. 1 (mt). (Ondatra zibethica; small intestine; Michigan).--Gilford, J. H., 1955a, 28 (syn.: Myotitrema asymmetrica Macy, 1940; Allassogonoporus vespertilionis Macy, 1940).

vespertilionis Macy, R. W., 1940d, 48-51, pl., fig. (Myotis californicus caurinus; intestine; Oregon); 1947a, 375, 378.--Gilford, J. H., 1955a, 28 (as syn. of Allassogonoporus marginalis Oliver).--Hall, J. E., 1960a, 243.--Knight, R. A.; & Pratt, E., 1955a, 248, 249-251, 253, 254, 255, pl., figs. 6-9 (Eptesicus fuscus; intestine; Oregon, Myotis lucifugus; intestine; Oregon, Fluminicola virens; digestive gland; Oregon, Limnophilus (exper.), hamster (exper.)).

ALLASSOSTOMA Stunkard, H. W., 1916b, 24 [spelled Alassostoma] (tod: A. magnum); 1917a, 343; 1924b, 103 "the name Allassostoma intended for the genus was printed Alassostoma".--Caballero y Caballero, E.; & Sokoloff, D., 1934a, 44; 1935a, 137.--Fuhrmann, O., 1928b, 101.--Fukui, T., 1929b, 265, 269, 272, 306, 330.--Näsmark, K. E., [1937a], 34 (Schizamphistominae).--Ozaki, Y., 1937a, 207 (Cladorchinae).--Parker, M. V., 1941a, 40.--Southwell, T.; & Kirshner, A., 1937a, 233, 237, 241 (as syn. of Chiorchis Fischoeder, 1901) [spelled Alassostoma].--Travassos, L., 1934c, 68-69 [corrected in errata between pp. 32-33 to Alassostoma].--Ward, H. B., 1918a, 397.

magnum Stunkard, H. W., 1916b, 24, 25 (tod) (Pseudemys trootsi; large intestine; Havana, Illinois, P. elegans; large intestine; Havana, Illinois); 1917a, 343, 344, 345, 346-349, 351; 1924b, 103.--Augustine, D. L., 1929a, 234.--Axmann, M. C., 1947a, 323 (Chelydra serpentina).--Bennett, H. J., 1938c, 179 (Pseudemys elegans; Louisiana).--Fukui, T., 1929b, 268, 275, 281, 306, 330, 347.--Harwood, P. D., 1931b, 100.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 42; 1942a, 118 (Pseudemys scripta; North America).--Parker, M. V., 1941a, 29 (Pseudemys troostii elegans; small intestine; Tennessee.--Travassos, L. P., 1934c, 69-70, fig. 33.--Ward, H. B., 1918a, 387, fig. 673.--Wharton, G. W., 1941b, 81-87.--Willey, C. H., 1930e, 7, 11; 1933a, 246.

parvum Stunkard, H. W., 1916a, 24, 25 (Chelydra serpentina; cloaca; Urbana, Illinois); 1917a, 344, 345, 346, 349-351, pl. 10, figs. 66-71; 1924b, 103, 104-106, pl. 2, fig. 11 (subg. Allassostomoides).--Beaver, P. C., 1929a, 13-23, figs. A-E, pl. 2, figs. 1-6 (Rana catesbiana, R. pipiens, Chelydra serpentina, Planorbis trivolvis; cloaca).--Bennett, H. J., 1938c, 179 (Rana catesbeiana; Sternotherus odoratus; cloaca, Louisiana).--Byrd, E. E.; & Reiber, R. J., 1940a, 133 (Helisoma trivolvis; Tennessee).--Cort, W. W.; Ameel, D. J.; & Van der Woude, A., 1947a, 17; 1948a, 430, 431, 432, pl. 1, figs. 1-5.--Freund, L., 1933b, 264.--Fukui, T., 1929b, 268, 275, 281, 306, 330, 347.--Krull, W. H., 1933 1, 109 (Helisoma antrosa, Chelydra serpentina; Beltsville, Maryland).--Kuntz, R. E.; & Self, J. T., 1944a, 37.--Miller, E. L., 1936a, 23, 25.--Walton, A. C., 1947c, 26; 1950b, 163.--Ward, H. B., 1918a, 387.--Willey, C. H., 1930e, 7, 11; 1933a, 246.--Williams, R. W., 1953a, 176 (Chelydra serpentina; Oklahoma).

venezuelensis Cordero, E. H.; & Vogelsang, E. G., 1940a, 3, 4-6, fig. 1 (Podocnemis sp.; stomach; estomago; Venezuela).

(ALLASSOSTOMOIDES) Stunkard, 1924b, 103.

ALLASSOSTOMOIDES (Stunkard, 1924) Fuhrmann, O., 1928b, 101.--Fukui, T., 1929b, 330.--Kuntz, R. E., 1941a, 33.--Ozaki, Y., 1937, 207.--Näsmark,

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K.E., [1937a], 434.--Travassos, L.P., 1934 , 70.
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parvum (Stunkard, 1916) Travassos, L. P., 1934c, 70-71, 147, fig. 34 (Planorbis trivolvis, Helisoma antrosa, Cambarus propinquus, Chelydra serpentina, Pseudemys picta, P. floridana, Rana catesbiana, R. pipiens, R. clamitans). --Guilford, H. G., 1959a, 122 (Chrysemys picta; Wisconsin). --Hughes, R.C.; Higginbotham, J.W.; & Clary, J. W., 1941a, 40, 41; 1942a, 118 (Chelydra serpentina, Chrysemys picta; Pseudemys floridana). --Kuntz, R.C., 1941a, 33. --Rausch, R., 1947b, 436-437 (Chelydra serpentina; lung, urinary bladder; Ohio).
stunkardi (Holl, 1929) Skrjabin, K. I., 1949a, 416, fig. 96.
ALLECHINOSTOMUM Odhner, T., 1910d, 163 (type: Allechinostomum crocodili Poirier, 1886). --Fuhrmann, O., 1928b, 126. --Yamashita, J., 1937b, 90; 1938f, 875, 878, 882. --Yamaguti, S., 1958a, 467-468.
crocodili (Poirier, 1886) Odhner, T., 1910d, 163 (tod). --Hughes, R.C.; Higginbotham, J. W., & Clary, J. W., 1941a, 36; 1942a, 113-114 (Crocodylus niloticus, C. siamensis; Africa). --Mendheim, H., 1940a, 489, 538-540. --Yamashita, J., 1937b, 90 (syn.: Echinostomum umbonatum Odhner, 1902); 1938f, 882.
famelicum Odhner, T., 1910d, 163. --Prudhoe, S., 1944a, 3 (as syn. of Echinochasmus famelicus (Odhner, 1910) n.comb.
jacaretinga (Teixeira de Freitas & Lent, 1938) Bashkirova, E. Ia. (1941b); 1947a, 370.
renale Yeh, L. S., 1954b, 159-162, 163, 164, figs. 1-2 (Pelecanus erythrorhynchus; tubules of kidney; North America). --Wright, C. A., 1957b, 232-234 (as syn. of Ignavia renale).
ALLECHINOSTOMATINAE Sudarikov, V. E., 1950b, 134, 135 (includes: Allechinostomum, Stephanoprora, Sobolevistoma); 1951a, 327.
ALLEGREADIINAE Engler, K., 1904a, 188 [for Allocreadiinae].
allocreadiid trematode Fischthal, J.H., 1956a, 230, 232 (Schilbeodes m. marginatus; south-central New York streams).
allocreadiid trematode Jackson, D. J., 1958a, 110, 111, fig. 3 (Agabus paludosus; Sweden, & St. Andrews).
allocreadiid cercaria Rothschild, M., 1939a, 376 (Peringia ulvae; St. John's Lake, Plymouth).
ALLOCREADIIDAE Stossich, M., 1903b, 199. --Bittner, H.; & Sprehn, C.E.W., 1928a, 2. --Bykhovskaia (Pavlovskaia), I.E., 1957b, 172. --Cable, R.M., 1938a, 461. --Cable, R.M.; & Hunninen, A.V., 1942a, 306, 310, 311. --Chen, H. -T., 1956b, 103-104. --Dollfus, R. P. F., 1930b, 145. --Faust, E.C., 1919d, 334; 1932d, 463, 464. --Fuhrmann, O., 1928b, 53, 93, 96, 105-106. --Ginetsinskaia, T. A., 1959a, 72. --Harshey, K.R., 1937a, 72. --Hopkins, S. H., 1933a, 65-74; 1934a, 45-124. --Isaichikov, I.M., 1928d, 19, 27. --McCoy, O. R., 1930g, 1-13. --Martin, W.E., 1939b, 65, 72. --Mueller, J. F.; & Van Cleave, H. J., 1932a, 89. --Odhner, T., 1911h, 523. --Ozaki, Y., 1934c, 111-114; 1937b, 206. --Park, J.T., 1938b, 294, 297; 1939a, 9, 14, 15, 16. --Pigulevskii, S.V., 1932a, 438, 440, 444, 451. --Poche, F., 1926b, 159. --Sinitsin, D. T., 1931e, 793. --Skrjabin, K. I., [1916?f], 10-11, 13, 102-103; 1942a, 60. --Skvortsov, A.A., 1927a, 283, 284, 285. --Slusarski, W., 1958a, 325-328. --Sprehn, C. E. W., 1932c, 204. --Srivastava, H.D., 1939v, 262. --Stunkard, H.W., 1932c, 328, 329, 333, 340. --Szidat, L., 1944b, 204. --Thapar, G.S.; & Dayal, J., 1934a, 127, 133-135. --Van Cleave, H.J.; & Mueller, J.F., 1934a, 197-198, 209. --Ward, H.B., 1917c, 4; 1918a, 394. --Winfield, G.F., 1929a, 86 (char. emend.). --Yamaguti, S., 1958a, 95-97.
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species DeGiusti, D. L.; & Nasir, P., 1960a, 13 (Bathygobius; Bimini, B. W. I.).
species Griffith, R.E., 1953a, 54 (Catostomus macrocheilus; Palouse area, Washington.
species Nigrelli, R.F., 1940b, 550 (marine fishes; New York Aquarium).
species Travassos, L.P.; Artigas, P.; & Pereira, C., 1928a, 38, pl. 12, fig. 130 (Acestrorhamphus sp.; intestine).
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1902a, 578; 1903a, 373.--Walz, L.G., 1933a, 161.--Ward, H.B., 1918a, 394.--Yamaguti, S., 1958a, 97-100(key).
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ALLOCREADIUM Looss, A., 1900d, Dec. 3, 602 (Creadium Looss, 1899 [not Creadium & Creadion Vieillot, 1816, bird] renamed, hence type isoporum); 1901b, 199; 1902m, 760, 785, 839; 1907e, 614.--Bauer, O. N., 1954b, 51, 53.--Bittner, H.; & Sprehn, C.E.W., 1928a, 2, 76, 83.--Braun, M.G.C.C., 1902b, 26, 147, 148; 1908a, 162.--Cable, R.M.; & Hunninen, A.V., 1942a, 306.--Chatterji, R.C., 1936a, 84.--Dollfus, R.P.F., 1930b, 145.--Fuhrmann, O., 1928b, 40, 106.--Hopkins, S.H., 1933a, 73, 74; 1934a, 52, 104, 105, 107.--Isaichikov, I.M., 1928d, 28, 33.--Kaw, B.L., 1950a, 107, 110(key).--Layman, E.M., 1933b, 75.--Luehe, M.F.L., 1909b, 53.--Nicoll, W., 1909b, 455; 1910d, 325, 326.--Odening, K., 1959c, 26-28.--Odhner, T., 1901a, 483-520; 1905a, 328; 1910d, 72.--Ozaki, T., 1926a, 124.--Pande, B.P., 1937a, 415, 418, 419, 420; 1938e, 54-55.--Peters, L.E., 1957a, 137-140 (diagnosis emend.).--Pratt, S.H., 1902a, 888, 897(key).--Sewell, R.B.S., 1922a, 102, 103, 340.--Skvortsov, A.A., 1927a, 284, 285.--Stossich, M., 1900b, 95; 1902a, 578; 1903a, 373; 1904a, 199.--Van Cleave, H.J.; & Mueller, J.F., 1934a, 179.--Wallin, I.E., 1909a, 50-66.--Ward, H.B., 1918a, 395.--Yamaguti, S., 1958a, 101-102.
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species Bangham, R.V.; & Hunter, G.W., 1939a, 408, 410, 414, 445 (Eupomotis gibbosus; digestive tract; Lake Erie).
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species Bangham, R.V.; & Hunter, G.W., 1939a, 410, 414 (silvery-jawed minnow; Lake Erie).
species Crawford, W.W., 1940b, 32 (Dytiscus; Crested Butte, Colorado; Psidium sp. (exper.)).
species Fischthal, J.H., 1952b, 22, 56 (Acipenser fulvescens; northwest Wisconsin).
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species Hare, R.C., 1943a, 202 (Eupomotis gibbosus; Ohio Canal).
species Hopkins, S.H., 1935b, 442 (Unionidae; Texas).
species Kataoka, N.; & Momma, K., 1934a, 59-60 (Plecoglossus altivelis; intestine; Lake Biwa, Japan).
species Kotova, E.I., [1937a], 130, fig. 1 (Leuciscus idus; intestine; Klyazma river in region of Bolshev Biological Station).
species Lebour, M.V., 1908a, 25, 36 (Anarrhichas lupus; Northumberland coast).
species Nigrelli, R.F., 1940b, 550 (Eupomotis gibbosus; New York Aquarium).
species Palii, M.A., 1956a, 285 (fish; western Bug).
species Palii, M.A., 1957a, 118, 120, 121 (Rutilus rutilus, Carassius carassius, Blicca bjoerkna; western Bug).
species Peters, L.E., 1955a, 36 (Dytiscus fasciventris; Acilius semisulcatus; small pools near Douglas Lake).
species Pratt, H.S., 1923a, 64 (Ameiurus nebulosus; Oneida Lake, New York).
actaluri Hopkins, S.H., 1934b, 386 [lapsus for ictaluri Pearse, 1924].
alacre (Looss, 1901) Stossich, M., 1905i, 215, 216, 219.--Palombi, A., 1929c, 14.--Yamaguti, S., [1954a], 69 (subg. Allocreadium).
album (Stossich, 1890) Stossich, M., 1900b, 95; 1903b, 199 (type of Lepocreadium).
alloneotenicum Wooton, D.M., 1957c, 304, 305-312, 313, 314, pl. I, figs. 1-7, pl. II, figs. 11-22 (Limnéphilus sp.; haemocoel; Massachusetts).
angusticolle (Hausmann, L., 1896) Odhner, T., 1901a, 517; 1910d, 72.--André, E., 1917a, 171 (Cottus gobio).--Ashworth, J.H.; & Bannerman, J.C.W., 1927a, 171 (Phoxinus phoxinus).--Bittner, H.; & Sprehn, C.E.W., 1928a, 11.--Dobrovolny, C.G., 1939a, 462 (as syn. of Plagioporus angusticolle n.comb.); 1939b, 123 (Neritina fluviatilis, Cottus gobio).--Gauthier, M., 1926a, 444 (Trutta fario).--Luehe, M.F.L., 1909b, 53, 54-55.--Markevich, A.P., 1934b, 35 (Cottus gobio; intestine; Province de Leningrad).--Mathias, P., 1936a, 1175-1176 (Gammarus pulex, Rana temporaria, Cottus gobio; Montpellier); 1937a, 626-628 (Gammarus pulex, Anguilla vulgaris, Cottus gobio, Neritina fluviatilis, Asellus aquaticus; Montpellier).--Nicoll, W., 1909b, 446.--Petrushevskii, G.K.; & Bykhovskaia

(Pavlovskaia), I., 1935a, 26, 29, 64, 66 (Cottus gobio; Karelia). --Petrushevskii, G. K.; Pozdniakova (Vikhrova), M.N.; & Shul'man, S.S., [1958a], 337 (Cobitis taenia; Braslav Lake, Belorussia). --Stossich, M., 1905i, 214. --Walton, A.C., 1949b, 39 (Rana temporaria; Europe). --Yamaguti, S., [1954a], 70 (subg. Peracreadium). --Zandt, F., 1924a, 234, 267 (Cottus gobio; Bodensee).

annandalei Southwell, T., 1913b, 98-99, pl. 9, figs. 15-16 (Rhynchobatis djeddensis; stomach; Ceylon). --Dollfus, R. P.F., 1938b, 167. --Odhner, T., 1928c, 1, fig. 1. --Yamaguti, S., 1958a, 102 "tentatively assigned to Allocreadium".

armatum (MacCallum, 1895) Pearse, A. S., 1924a, 150, fig. 8 (Aplodinotus grunniens, Eupomotis gibbosus; Wisconsin); 1924b, 170, 193. --Hopkins, S. H., 1934b, 386 (metacercaria of ? A. armatum in Leptodea gracilis; Central Illinois). --Hunter, G.W.; & Bangham, R.V., 1932a, 140.

asymphyloporum Stossich, M., 1900b, 96 (Trutta trutta; Lake Plitvica, Groazia). --Peters, L. E., 1957a, 140 "doubtful as species of Allocreadium". Yamaguti, S., 1958a, 102 "tentatively assigned to Allocreadium".

atomon (Rudolphi, 1802) Odhner, T., 1901a, 506-513, 516, pl. 33, figs. 9-10; 1905a, 320 (type of Podocotyle). --Manter, H.W., 1926c, 207. --Palombi, A., 1938a, 374. --Stossich, M., 1902a, 582; 1905i, 214, 216, 218.

baueri Spasskii, A. A.; & Roitman, V. V., 1960b, 185, 186 (Rutilus r. lacustris, Phoxinus phoxinus, P. czecanowskii; lumen of intestine; upper Enisey).

boleosomi Pearse, A.S., 1924a, 151-152, fig. 14 (Boleosoma nigrum, Percina caprodes; Lake Pepin, Wisconsin); 1924b, 170. --Bangham, R.V.; & Hunter, G. W., 1939a, 414, 441 (Percina caprodes; digestive tract, Lake Erie). --Peters, L.E., 1957a, 140 (as syn. of Plagioporus boleosomi, comb. nov.). --Yamaguti, S., [1945a], 69 (subg. Allocreadium).

carparum Odening, K., 1959c, 28-31, figs. 6-7 (Cyprinus carpio; gut; Ostthüringen).

charcis (Stossich, 1886) Stossich, M., 1905i, 215, 217, 221 (Charax puntazzo, Sargus salviani; intestine; Adriatic). --Peters, L.E., 1957a, 140 "doubtful as species of Allocreadium".

chuscoi Pearse, A.S., 1920a, 33-34, 42, fig. 8 (Aequidens pulcher; intestine; Venezuela). --Yamaguti, S., [1945a], 69 (subg. Allocreadium).

colligatum Wallin, I. E., 1909a, 58-59 (=Distomum fasciatum Rudolphi of Stossich, 1885, pl. 5; 1898, pl. 46). --Yamaguti, S., 1958a, 102 "tentatively assigned to Allocreadium."

commune (Olsson, 1876) Odhner, T., 1901a, 499-503, 508, 516, 517, pl. 33, fig. 6; 1905a, 327. --Cooper, A. R., 1915d, 198, pl. 3, fig. 18 (Catostomus catostomus; intestine; Fundulus diaphanus menone; intestine; Notropis cornutus; gall bladder). --Dobrovolny, C.G., 1939b, 129 (A. commune of Cooper, 1915 as syn. of Plagioporus sinitsini Mueller, 1934). --Hall, M. C., 1929b, 20, 54, 55 (Catostomus catostomus, Fundulus diaphanus menona, Notropis cornutus, Blasturus cupidus, Leptophlebia cupida). --Hunter, G.W.; & Bangham, R.V., 1932a, 144 (A. commune of Cooper, 1915 as syn. of Lebouria cooperi n. sp.). -- Mueller, J.F., 1934d, 233, 236 (probably pars syn. of Plagioporus sinitsini n. sp., Creptotrema funduli n. sp.). --Stossich, M., 1902a, 582; 1905i, 215, 216, 219 (Labrus maculatus, L. mixtus; intestine; Sweden). --Ward, H.B., 1918a, 395 (Blasturus cupidus; encysted in larva). --Yamaguti, S., [1954a], 70 (subg. Peracreadium).

dogieli Koval, V. P., 1950b, 359-362, [1958a], 206-207, fig. 4 (Abramis sapa, Blicca björkna). --Agapova, A. I., 1960a, 196, 197, 198, 201 (Esox lucius, Rutilus r. lacustris, Leuciscus idus, Abramis brama; Kustanai Oblast. --Markevich, A.P., [1952a], 121, 123, fig. 45 (Blicca björkna, Abramis sapa; Dnieper). --Shevchenko, N.N., 1956b, 273, 289 (Aspius aspius; northern Donets).

dubium Stossich, M., 1905i, 215, 217, 221 (Oblata melanura; intestine; Trieste). --Peters, L. E., 1957a, 140 "doubtful as species of Allocreadium".

fasciatum (Rudolphi, 1819) Odhner, T., 1901a, 485-490, 492, 496, 516, pl. 33, fig. 1; 1902c, 160. --Fuhrmann, O., 1928b, 105, fig. 125 (Crenilabrus pavo).

fowleri Leiper, R. T.; & Atkinson, E. L., 1914a, 224 (Trematomus bernacchii; Terra Nova Exped.); 1915c, 36-37, pl. 3, fig. 21. --Peters, L. E., 1957a, 140 "does not belong in Allocreadium". --Yamaguti, S., [1954a] 70.

genu (Rudolphi, 1819) Odhner, T., 1901a, 485, 496-499, 500, 501, 502, 517, pl. 33, figs. 3-5; 1905a, 327. --Stossich, M., 1905i, 215, 216, 218-219 (Labrus merula, L. turdus; intestine; Napoli). --Timon-David, J., 1937a, 9-10, 23, fig. 7 (Labrus

merula, L. turdus; Golfe de Marseille). --Yamaguti, S., [1954a], 70 (subg. Peracreadium).

halli Mueller, J. F.; & Van Cleave, H. J., 1932a, 79, 80, 86, 87, 88-89, pl. 16, fig. 5 (Ameiurus nebulosus; alimentary canal; Oneida Lake). --Arnold, J. G., 1933a, 136; 1934a, 267, 268 (as syn. of Polylekithum halli n. comb.). --Van Cleave, H. J.; & Mueller, J. F., 1934a, 199 (as syn. of A. ictaluri Pearse, 1924). --Yamaguti, S., [1954a] 70 (subg. Lepidauchen).

handiai Pande, B. P., 1937a, 415-420, fig. (Ophiocephalus punctatus; Handia, Allahabad & Haldwani). --Coil, W. H.; & Kuntz, R. E., 1960c, 285-286 (Ophiocephalus punctatus; small intestine; Dacca, East Pakistan). --Kaw, B. L., 1950a, 109, 110. --Yamaguti, S., [1954a], 69 (subg. Allocreadium).

hasu Ozaki, Y., 1926a, 125 (Opsariichthys uncirostris; intestine; Japan); 1935a, 463. --Yamaguti, S., 1934a, 281-282; [1954a], 69 (subg. Allocreadium).

ictaluri Pearse, A. S., 1924a, 151, fig. 5 (Ictalurus punctatus; Lake Pepin, Wisconsin); 1924b, 171. --Arnold, J. G., 1933a, 136 (Ameiurus nebulosus); 1934a, 267, 268 (as syn. of Polylekithum ictaluri n. comb.). --Bangham, R. V., 1937a, 358 (Ameiurus melas; Wayne County, Ohio). --1941a, 295, 303 (Ameiurus natalis; Florida); 1941c, 166 (Ameiurus nebulosus; Algonquin Park Lakes). --Bangham, R. V.; & Venard, C. E., 1942a, 28, 36; 1946a, 40, 44. --Fischthal, J. H., 1952b, 34, 36, 56 (Ameiurus n. nebulosus; northwest Wisconsin). --Hopkins, S. H., 1933a, 71, 73 (Unionidae; Sphaeriidae); 1934b, 385-386 (Ictalurus punctatus; fresh-water clams); (spelled actaluri); 1934a, 101, 103, 107. --Krueger, R. F., 1954a, 278 (Ameiurus melas, A. nebulosus, Catostomus commersonnii; intestine; Ohio). --Meyer, F. P., 1958a, 484, 506, 510, 512, pl. I, fig. 6 (Ictalurus melas; intestine; Iowa). --Miller, G. C., 1958c, 702. --Mueller, J. F.; & Van Cleave, H. J., 1932a, 88, 89. --Pande, B. P., 1937a, 418, 419, 420. --Peters, L. E., 1957a, 35. --Seitner, P. G., 1948a, 37; 1951a, 225, 226, 227, 228, 229, 230, 232, 233, 235, 239, 240, pl. 1, figs. 1-6, pl. 2, figs. 10-18 (Ictalurus furcatus; intestine; Wabash river, Pleurocera acuta; digestive gland; Indiana). --Van Cleave, H. J.; & Mueller, J. F., 1934a, 199 (syn.: A. halli Mueller & Van Cleave, 1932) (Ameiurus nebulosus; intestine; Oneida Lake). --Worley, D. K., & Bangham, R. V., 1952a, 211 (black bullhead; Blue Sea Lake, Quebec). --Yamaguti, S., [1954a], 70 (subg. Peracreadium).

isoporum (Looss, 1894) Odhner, T., 1901a, 505, 506, 516; 1905a, 327; 1910d, 73, 74. --Agapova, A. I., 1956a, 13, 47, 50 (Abramis brama orientalis, Cyprinus carpio; reservoirs of western Kazakhstan); 1957a, 124, 125 (distribution in reservoirs of Kazakhstan); 1960a, 197, 201, 202 (Rutilus r. lacustris, Leuciscus idus, L. l. baicalensis; Kustani Oblast). --Akhmerov, A. Kh., & Bogdanova, E. A., [1958a], 149, 150, 151, 152, 153 (Leuciscus idus, Aspius aspius, Blicca bjoerkna, Abramis brama, A. ballerus; intestine; zone of future Stalingrad reservoir). --André, E., 1917a, 171 (Gobio gobio). --Arnold, J. G., 1934a, 267. --Barysheva, A. F.; & Bauer, O. N., [1958a], 182 (Rutilus rutilus, Leuciscus idus, Carassius carassius, Lota lota, Leuciscus leuciscus, Alburnus alburnus; Lake Ladoga). --Bauer, O. N., 1954b, 48, 52 (Spherium rivicola, S. corneum, lieshch [bream, Abramis brama]. --Baylis, H. A., 1939a, 474 (Rutilus rutilus, Squalius cephalius; British Isles]. --Bittner, H.; & Sprehn, C. E. W., 1928a, 11, 29, 67, 70, 76, 89 (Cyprinus carpio, Barbus barbus, Rutilus rutilus, Leuciscus cephalus, Phoxinus phoxinus, Tinca tinca, Abramis brama, Cobitis taenia, Esox lucius, Sphaerium corneum, S. vivicola, Ephemera chaetopteryx, Anabolia). --Bogdanova, E. A., [1959a], 74 (Esox lucius; intestine; Volga river); 1959b, 145. --Braun, M., 1906a, 135, fig. 70; 1908a, 162, fig. 112; 1915a, 149, fig. 121. --Britt, H. G., 1947a, 279, 280, 282, fig. 1 (Morone americana). --Brown, F. J., 1933b, 320. --Bykhovskaia (Pavlovskaia), I. E., 1936d, 281, 282 (Schizothorax pseudaksaiensis issykkuli; Chu river). --Bykhovskii, B., 1929a, 16, 17, 18, 24, 26 (Leuciscus idus, Blicca bjoerkna, Carassius carassius); 1936a, 449, 459, 473, 476, 477 (Carassius carassius, Rutilus r. lacustris; Baraba Lakes). Cable, R. N.; & Hunninen, A. V., 1942a, 306. --Dinnik, I. A., 1932b, 106, 107, 108, 109 (Varicorhinus capoeta sevangi, Barbus goktschaicus; intestine; Lake Sevan. --Dobrokhotova, O. V., 1960a, 113, 114, 115, 116, 117, 118, 119, 121 (Esox lucius, Rutilus r. lacustris, Leuciscus l. baicalensis, L. idus, Tinca tinca, Gobio gobio, Carassius carassius, C. auratus gibelio; intestine; Lake Zaisan). --Dyk, V., 1959c, 36 (codoustev, parma; Vranov). --Fantham, H. B.; Stephens, J. W. W.; & Theobald, F. V., 1916a, 218, fig. 124. --Faust,

E. C., 1918d, 196; 1918f, 152; 1919d, 327; 1921c, 51; 1932d, 464, fig. 15.--Fiebiger, J., 1923a, 140, fig. 84.--Fuhrmann, O., 1928h, 54, fig. 67.--Gaschott, O., 1930c, 312, 345; 1931b, 5, 16.--Gorbunova, M., 1936a, 23, 25, 28(Rutilus rutilus; Lake Konchezero). Gvozdev, E. V., 1945b, 41 (Diptychus dybowski; Diplophisa dorsalis; Narogne-Asiatic region).--Gvozdev, E. V.; Agapova, A. N.; & Martekhov, P. F., 1953a, 105, 106 (Diptychus dybowskii, Phoxinus brachyurus; Ili Basin.--Hall, M. C., 1929b, 20, 54, 60(Cyprinus carpio, Barbus barbus, Rutilus rutilus, Leuciscus cephalus, Phoxinus phoxinus, Tinca tinca, Abramis brama, Cobitis taenia, Esox lucius, Ephemera vulgata, Anabolia nervosa, Chaetopteryx vilosa).--Hopkins, S. H., 1933a, 71, 73(Sphaerium); 1934a, 102, 103, 107 (flame cell formula).--Iksanov, K. I., 1955a, 218.--Johnson, J. C., 1920a, 360.--Kahls, O., 1930a, 54.--Kaštak, V., 1956d, 628 (Barbus barbus, Vimba vimba; Czechoslovakia).--Kogteva, E. P., [1958a], 247(Leuciscus idus, Carassius carassius; Pskov-Chud reservoir).--Kosheva, A. F., 1959a, 120 (Volga river).--Kotova, E. I., [1937a], 128, 138(Carassius carassius; Klyazma river).--Koval, V. P., [1958a], 203-205, fig. 1(Ukraine).--Kowalewski, M., 1902d, 27.--Kozicka, J., 1959a, 31, 33, fig. 11 (Carassius carassius; Druzno Lake).--Krotas, R., [1959a], 94 (Rutilus rutilus, Scardinius erythrophthalmus, Alburnus alburnus, Blicca bjoerkna; Lake Trakei); 1959b, 166 (ukleika [Alburnus alburnus]; intestine; Lithuania).--Kudriavtseva, E. S., 1957a, 1294 (plotva [Rutilus rutilus], elets [Leuciscus], peskar [Gobio], gustera [Blicca bjoerkna], leshch [Abramis brama], karas[Carassius], golets [Nemachilus barbatulus], ersh [Acerina cernua]; northern Dvina basin).--Kuznetsova, E. G., 1938a, 262, 263, 266 (Perca fluviatilis; Lake Zaisan & Black Irtysh).--Layman, E. M., 1933b, 42, 43, 44, 70, 74, pl. 1, fig. 6 (Leuciscus leuciscus baicalensis, L. idus; intestine; Lake Baikal, USSR).--Lucký, Z., 1959b, 219, 220, fig. 4(1).--Luehe, M., 1909b, 53, 54, fig. 47(Cyprinus carpio, Tinca tinca, Abramis brama, Leuciscus rutilus, L. cephalus, L. phoxinus, Barbus barbus, Esox lucius; intestine).--Markevich, A. P., 1934b, 33, 35, fig. 19(plotva[dace]; intestine), (Abramis brama), ukleika [Alburnus alburnus], iaz [Leuciscus idus], gustera[Blicca bjoerkna], karas [Carassius]; Province de Leningrad).--Matevosian, E. M.; Petrochenko, V. I.; & Garizhskaia, N. N., 1959a, 150 (plotva [Rutilus rutilus]; intestine; taran[Rutilus r. heckeli; intestine; gills, gustera [Blicca bjoerkna]; intestine, gills, sopa [Abramis sapa]; gills; Volga).--Mathias, P., 1925a, 7(cyprinides, Sphaerium cornea, S. rivicola, Ephemera vulgata, Chaetopteryx villosa, Anabolia nervosa).--Mikailov, T. K., [1960a], 45 (Chalcalburnus chalcoides; Kura river).--Milicer, W., 1938a, 98, 99, 105-106, table 2 (Carassius carassius, Scardinius erythrophthalmus, Leuciscus rutilus; Wigry-Sees).--Nagibina, L. F., [1958a], 134(Abramis brama; New Vygozero).--Nicoll, W., 1909b, 455.--Nöller, W., 1925h, 796.--Novikova, A. O., 1938a, 254, 255(Esox lucius; Black Irtysh river).--Petruschevskii, G. K.; & Bykhovskaia, I. E., 1935a, 26, 29, 54, 56, 57, 70, 76(Leuciscus idus, Alburnus alburnus, Nemacheilus barbatulus; Karelia).--Plehn, M., 1924a, 86 (Sphaerium corneum, S. rivicola, Ephemera, Chaetopteryx, Anabolia).--Polianskii, I. I.; & Shul'man, S. S., 1956a, 18(plotvy[Rutilus rutilus]; Pertozera).--Popov, N. P., 1926a, 71.--Pozdniakova(Vikhrova), M. N., [1958a], 335(Alburnus alburnus; Novgorod oblast).--Querner, F. R., 1929a, 556.--Ransom, B. H., 1921j, 59, 83, 87 (Anabolia nervosa, Chaetopteryx villosa (larva), Ephemera vulgata (larva)).--Rawson, D., 1952a, 878, 882 (Squalius cephalus; Shropshire Union Canal).--Ruch'eva, G. I., 1938a, 268, 271, 273 (Rutilus r. lacustris; Lake Zaisan & Black Irtysh river).--Sewell, R. B. S., 1922a, 101, 102, 162, 313, 329, 340.--Shevchenko, N. N., 1954b, 76 (Carassius carassius, Tinca tinca, Rutilus rutilus, Leuciscus cephalus, Scardinius erythrophthalmus, Blicca bjoerkna; northern Donets river); 1956b, 273, 281, 282, 283, 284, 285, 286, 287, 288 (Leuciscus idus, L. cephalus, Carassius carassius, Scardinius erythrophthalmus, Rutilus rutilus, Abramis brama, Blicca bjoerkna, Tinca tinca, Alburnus alburnus; northern Donets; 1957a, 7, 8(Chondrostoma nasus, Rutilus rutilus, Abramis brama, Leuciscus idus, L. cephalus, Aspius aspius; northern Donets).--Shul'man, S. S., [1958c], 337 (ukleika [Alburnus alburnus], peskar [Gobio gobio]; Lake Zhizhitsa, Velikie Luki oblast).--Shul'man, S. S.; Berenius, I. N.; & Zakharova, E. A., 1959a, 60, 65 (Rutilus rutilus, Abramis bramae; Lake Siam).--Sidorov, E. G., 1956a, 237(zolotoi karas [Carassius carassius]; serebrianyi

karas[Carassius auratus gibelio;Irgiz-Turgay Basin); 1959a, 135 (central Kazakhstan).--Skvortsov, A.A., 1927a, 284, 285.--Slusarski, W., 1958a, 329-332, 448, fig. 56 (Salmo trutta;Vistula Bay).--Smirnova, K. V., 1954b, 183 (Leuciscus cephalus; Don river).--Spasskii, A. A.; & Roitman, V. A., 1957a, 87, 88(Carassius carassius, Leuciscus idus;Pechora River); 1958a, 194 (Carassius carassius, Leuciscus idus; intestine; Pechora river).--Sprehn, C.E.W., 1930s, 268 (Cyprinus carpio, Sphaeridium corneum, S. rivicola, Ephemera, Chaetopteryx, Anabolia).--Stoliarov, V.P., 1952a, 268, 269 (zolotoi karas, plotva; Rybinsk reservoir); 1954b, 162, 168 (Alburnus alburnus, Rutilus rutilus, Leuciscus idus, Carassius carassius, Blicca bjoerkna; intestine; Rybinsk reservoir); 1955a, 186 (Leshch [Abramis brama], nalim [Lota lota], gustera [Blicca bjoerkna], ukleia[Alburnus alburnus], plotva[Rutilus rutilus], iaz[Leuciscus idus] upper Volga.--Stossich, M., 1905i, 214.--Stunkard, H.W., 1932c, 333.--Szidat, L., 1932b, 483, 495, 496; 1944b, 187, 190, 204 (Abramis brama, Cyprinus carpio).--Titova, S.D., 1954a, 83 (golʹian[Phoxinus], elets[Leuciscus]; Lake Teletsk).--Volkova, M. M., 1941a, 27, 28(Leuciscus idus, L. leuciscus baicalensis, Rutilus rutilus; Ob River).--Wiśniewski, W.L., 1958a, 39, table XIIB between 40 & 41(Sphaerium corneum; Druzno Lake, Poland). Zakhvatkin, V.A., 1935a, 86, 110(Leuciscus idus; Okhansk, Kama river); 1938a, 194, 195, 198, 201, 202, 203, 204, 209, 218, 219-220, 241(Gobio gobio, Esox lucius, Rutilus r. lacustris, Leuciscus leuciscus, L. idus, Tinca tinca; Lake Zaissan, Irtysh River); 1951a, 124, 126, 128, 138(Leuciscus cephalus, Barbus barbus, Alburnus alburnus; Transcarpathia); 1955a, 16 (Carassius carassius; Tur Lake, Zabolt'ev region, Volyn Oblast, Poles'e).--Zandt, F., 1924a, 267 (Thymallus vulgaris, Barbus fluviatilis, Squalius cephalus, Leuciscus rutilus, Alburnus lucidus; Bodensee).--Zietzschmann, H., 1937a, 81(Karpf;Sachsen(Freiburg).--Zmeev, G. I., 1936d, 411, 416, 436 (Phoxinus percnurus; Amur).

isoporum dubium Koval, V.P., [1958a], 205, fig. 2 (Carassius carassius, Alburnus alburnus;intestine, Ukraine).

isoporum macrorchis (Koval & Kulakovskaia, 1957) Koval, V.P., [1958a], 205, 206, fig. 3 (Leuciscus cephalus; Ukraine).

japonicum Ozaki, Y., 1926a, 124-125 (Zacco platypus; intestine; Japan); 1935a, 463.--Peters, L. E., 1957a, 140 "Doubtful as species of Allocreadium".--Yamaguti, S., 1934a, 282 (Zacco platypus, Z. temmincki; Lake Biwa).

kamalai Gupta, S. P., [1958b], 100-102 (Chela baila;intestine;Lucknow).

kaushivai Gupta, S. P., [1957c], 284 (Chela bacaila;intestine;Lucknow).

kosia Pande, B. P., 1938e, 57, 58-59, fig. 3(Barbus chilinoides;small intestine;Almore;Kumaon Hills).--Kaw, B. L., 1950a, 109, 110(spelled koshia).

labracis (Dujardin, 1845) Odhner, T., 1901a, 514-516, pl. 33, fig. 11.--Johnstone, J., [1908a], 44-53, figs. 1-4, pl. 3; 1908b, 136-145, figs. 1-4, pl. 3 (Labrax(or Centropomus) lupus;Irish Sea).--Stossich, M., 1905i, 214, 216, 218 (Labrax lupus; intestine; Adriatic Sea).

labri (Stossich, 1886) Odhner, T., 1901a, 490, 493-496, 516, pl. 33, fig. 2.--Markevich, A.P., [1952a], 125-126 (as syn. of Helicometra pulchella).--Thapar, G.; & Dayal, J., 1934a, 133, 134.

lobatum Wallin, I.E., 1909a, 52-58, 62, pl. 1, figs. 1-6, pl. 2, figs. 7-12(Semotilus bullatis; stomach, Sebago Lake, Maine).--Bangham, R.V., 1941b, 444 (Campostoma a. anomalum, Notropis deliciosus stramineus;Buckeye Lake, Ohio); 1941c, 164, 165 (Semotilus a. atromaculatus, Notropis cornutus;Algonquin Park Lakes); 1951a, 213, 214, 215, 216, 217 (Prosopium w. williamsoni; Salmo clarkii lewisi, Salvelinus fontinalis fontinalis, Catostomus fecundus, Rhinichthys cataractae ocella, R. osculus carringtonii, Gila straria, Richardsonius balteatus hydrophlox; Wyoming); 1955a, 188, 189(Semotilus a. atromaculatus, Nocomis biguttatus, Notropis cornutus frontalis, N. h. hudsonius);Bangham, R.V.; & Venard, C. E., 1946a, 38, 39, 44(Leucosomas corporalis; Semotilus a. atromaculatus, Notropis cornutus frontalis;Algonquin Park Lakes).--Fischthal, J. H., 1947a, 167, 172, 174, 218 (Catostomus commersonnii, Semotilus a. atromaculatus, Notropis cornutus frontalis; Wisconsin); 1950d, 92, 96, 98; 1952b, 23, 32, 33, 41, 56(Semotilus a. atromaculatus, Notropis cornutus frontalis, Stizostedion v. vitreum, Salmo gairdnerii irideus, S. trutta fario; Wisconsin); 1956a, 227, 228, 229, 232 (Leucosomus corporalis, Exoglossum maxillingua, Notropus p. procne;south-central New York streams).--Hoffman, G. L., 1953c, 13, 17 (Semotilus a. atromacu-

latus; Turtle river, North Dakota).--Hunninen, A. V., 1936a, 238 (Leucosomus corporalis; Delaware-Susquehanna watershed).--Mueller, J. F., 1934c, 356, 357, 358, pl. 45, fig. 1 (Leucosomus corporalis, Semotilus atromaculatus; intestine; Oneida Lake). Needham, P. R., 1930a, 85 (Salvelinus fontinalis; Ithaca, New York).--Pearse, A. S., 1924b, 171 (common sucker).--Peters, L. E., 1957a, 35 (Semotilus atromaculatus; Michigan, Indiana).--Ricker, W. E., 1932a, 96.--Ward, H. B., 1918a, 395, fig. 683.

mahaseri Pande, B. P., 1938d, 110, 111, 112-113, 114, fig. 2 (Barbus tor; small intestine; Almora, Kumaon Hills).--Kaw, B. L., 1950a, 109, 110.

markewitschi Koval, V. P., 1950b, 359-362; [1958a], 207-209, fig. 5 (Chondrostoma nasus; Ukraine).--Markevich, A. P., [1952a], 121, 122, 123, fig. 44 (Chondrostoma nasus; intestine; Dneiper, Dniester).--Zakhvatkin, V. A., 1951a, 127, 128, 138 (Chondrostoma nasus; Transcarpathia).--Zakhvatkin, V. A.; & Kulakivs'ka, O. P., 1951a, 152.

mehrai Gupta, S. P., [1958b], 103-105, fig. 2 (Rhynochobdella aculeata; intestine; Lucknow).

mehri Gupta, S. P., [1957c], 284 (Rhynchobdella aculeata; intestine; Lucknow).

mormyri (Stossich, M., 1885) Stossich, M., 1905i, 215, 217, 219-220 (Pagellus mormyrus; intestine; Triest).--Wallin, I. E., 1909a, 59-60, 62.

nemachilus Kaw, B. L., 1950a, 69, 107-110, fig. 18A-B (Nemachilus kashmirensis; Kashmir; Bandipore & Ganderbal).

neotenicum Peters, L. E., 1957a, 136-137, 138, 141, 142, pl., figs. 1-5 (Acilius semisulcatus, Dytiscus sp., Agabus sp.; haemocoel; fores pools & bogs near Douglas Lake, Michigan).

nicolli Pande, B. P., 1938e, 55-58, figs. 1-2 (Gobius giuris; small intestine; Allahabad).--Kaw, B. L., 1950a, 109, 110.--Yamaguti, S., [1954a], 70 (subg. Allocreadium).

obovatum (Molin, 1859) Stossich, M., 1900b, 95-96 (7-8) (Chrysophrys aurata; Triest); 1905i, 215, 217, 220.

oncorhynchi Eguchi, S., (1931a), 20 (Onchorhynchus macrostomus).--Fujita, T., 1935a, 2145, fig. 9.--Kataoka, N.; & Momma, K., 1934a, 60.--Yamaguti, S., [1954a], 70 (subg. Allocreadium).

ophiocephali Shrivastava, P. S., 1960c, 108-113, fig. 1 (Ophiocephalus punctatus; intestine; Raipur (M. P.)).

pallens (Rudolphi, 1819) Wallin, I. E., 1909a, 60-61, 62.--Peters, L. E., 1957a, 140 ("doubtful as species of Allocreadium").

pegorchis Stossich, M., 1900b, 94-95 (6-7), pl. 6, fig. 4 (Maena smaris; intestine; Triest); 1901b, 199.

pisacanthi Pande, B. P., 1938e, 54 [? for A. priacanthi MacCallum, 1921].

pisancanthi Pande, B. P., 1938e, 55 [? for A. priacanthi MacCallum, 1921].

polymorphum Layman, E. M., 1933b, 55, 57, 69, 70, 74-76, 93, pl. 1, figs. 1-5 (Cottus kneri; intestine; Lake Baikal, USSR).--Peters, L. E., 1957a, 140 "Does not belong in Allocreadium".

priacanthi MacCallum, G. A., 1921c, 149-151, fig. 73 (Priacanthus arenatus; Key West).--Manter, H. W., 1947a, 292 (as syn. of Pseudopecoelus priacanthi).

pseudotritoni Rankin, J. S., 1937a, 33-34, 40, 41, pl. 1, fig. 4 (Pseudotriton m. montanus, P. r. ruber; Durham, North Carolina); 1937b, 191, 192, 217, 237.

schizothoracis Pande, B. P., 1938d, 110-112, 113, 114, fig. 1 (Schizothorax micropogon; small intestine; Srinagar, Kashmir).--Kaw, B. L., 1950a, 69, 107, 110 (Schizothorax sp.; intestine; Kashmir).

shawi (McIntosh, 1939) Yamaguti, S., [1954a], 70 (subg. Peracreadium).--Winter, H. W., [1959a], 19 (as syn. of Peracreadium shawi).

sinuatum (Rudolphi, 1819) Odhner, T., 1901a, 490-492, 516; 1902c, 160.

striatum Dinulescu, G., 1942a, 11-12, 18, 21, pl. 1, fig. 4 (Salmo fario; Rumania).--Peters, L. E., 1957a, 140 "Does not belong in Allocreadium".

thapari Gupta, S. P., 1950a, 17-22, figs. 1-4 (Rita rita; intestine; Gomti river, Hardoi).

transversale (Rudolphi, 1902) Odhner, T., 1901a, 505-506, 516; 1905a, 327; 1910d, 72.--Agapova, A. I., 1960a, 199, 201, 202 (Tinca tinca, Leuciscus idus, L. l. baicalensis; Kustanai Oblast).--Akhmerov, A. K.; & Bogdanova, E. A., [1958a], 149 (Leuciscus idus; zone of future Stalingrad reservoir).--Babič, L., 1935b, 363 (Barbus barbus; intestine; market in Zagreb).--Chernyshenko, A. S., 1957a, 197 (Misgurnus fossilis; Dniester estuary.--Dollfus, R. P. F., 1924b, 307.--Gvozdev, E. V., 1950a, 217, 221 (Gobio g. acutipinnatus, Nemachilus barbatulus markakulensis; intestine; Lake Markakul).--Gvozdev, E. V.; Agapova, A. N.; & Martekhov, P. F., 1953a, 109, 110 (Nemachilus labiatus, N. dorsalis, N. sewerzowi; intestine; Ili basin.--Kogteva, E. P., [1958a], 247 (Cobitis taenia; Pskov-Chud reservoir.--Kotova, E. I., 1935a, 126 (Carassius

carassius;intestine;stomach;Bezhetsk reservoirs);[1937a], 135, 138(Cobitis t. taenia; intestine; Klyazma river near Bolshev biological station).--Koval, V.P.,[1958a], 209-211, fig. 6(Cobitis taenia, Misgurnus fossilis; Ukraine); Koval, V.P.; & Pirianik, G.I.,[1958a], 214(karas[Carassius carassius]; southern Bug.--Krotas, R., [1959a], 94 (Cobitis taenia; Lake Trakai).--Layman, E. M., 1933b, 76.--Luehe, M.F.L., 1909b, 53, 55 (Misgurnus fossilis;Magen;Europe).--Nicoll, W., 1909b, 455.--Shevchenko, N.N., 1954b, 76(Misgurnus fossilis, Cobitis taenia; northern Donets river); 1956b, 273, 286, 293(Carassius carassius, Misgurnus fossilis, Cobitis taenia; Northern Donets).--Sidorov, E. G., 1956a, 237 (karas zolotoi [Carassius carassius], karas serebrianyi [Carassius auratus gibelio];1958a, 39(Rutilus rutilus aralensis;Nurinsk reservoir).--Spasskii, A.A.; & Roitman, V.A., 1957a, 87, 88, (Carassius carassius;Pechora river).--Stossich, M., 1905i, 214.--Szidat, L., 1938c, 470-474, figs. 1-2, (Misgurnus fossilis; Rossittens).--Yamaguti, S., [1954a], 70 (subg. Allocreadium).--Zakhvatkin, V. A., 1951a, 124, 139 (Cobitis taenia;Transcarpathia).

tumidulum (Rudolphi, 1819) Odhner, T., 1901a, 503-505, 516, pl. 33, figs. 7-8.--Nicoll, W., 1909b, 446.--Stafford, E.W., 1931a, 131 (Hexagenia variabilis).--Stossich, M., 1905i, 215, 217, 221-222 (Hippocampus gutterlatus, Syngnathus aequoreus, S. acus; intestine; Triest).

umbrinae (Stossich, 1885) Odhner, T., 1905a, 327.--Orecchia, P.; & Paggi, L., 1960a, 359-366, pl., figs. 1-3(Umbrina cirrhosa;intestine;Adriatico).--Stossich, M., 1905i, 215, 217, 221(Umbrina cirrhosa; intestine).

voltanum Thomas, J.D., 1957a, 1-9, figs. 1-4 (Alestes macrolepidotus; Black Volta river, Lawra, Gold Coast).

wallini Pearse, A.S., 1920a, 32-33, 43, fig. 7(Crenicichla geayi; intestine, Lake Valencia, Venezuela).--Yamaguti, S.,[1954a], 70.

ALLODIPLOSTOMUM Yamaguti, S., 1935c, 159, 180 (Strigeidae, Diplostominae;tod:A. scolopacis).--Dubois, G., 1936a, 511; 1938b, 28, 30, 309 (key); 1953a, 75.

fuscai Chatterji, P.N.,(1950);1956a, 148, 149-150, fig. 2 (Halcyon smyrnensis fusca; small intestine; Mohoba(Hamipur), U.P., India).

hindustani Verma, S.C., 1936c, 178-179 (Indian red-wattled lapwing; Allahabad).--Bhalerao, G. D., 1942f, 212 (Indian red-wattled lapwing;intestine; Allahabad).--Dubois, G., 1938b, 309, 477, 478 (Sarcogrammus indicus); 1953a, 75, 76.

macrostomum (Jägerskiöld, 1900) Dubois, G., 1936a, 511.

scolopacis Yamaguti, S., 1935c, 159, 178-180, fig. 16 (tod) (Scolopax rusticola;small intestine;Japan).--Dubois, G., 1938b, 309, 310-311, 477, 478, fig. 209;1953a, 75, 76(key).

ALLODISCOCOTYLA Yamaguti, S., 1953b, 204, 240, 243(tod:A. chorinemi).--Hargis, W. J., (jr.),1954b, 1116(emend. Gastrocotylidae, Vallisiinae); 1957j, 8-9(diagnosis emend.:transferred from Discocotylinae to Vallisiinae).--Price, E.W., 1959a, 23(Protomicrocotylidae, Vallisiinae).--Tripathi, Y.R.,[1959a], 113, 114.

chorinemi Yamaguti, S., 1953b, 204, 240-242, 256, pl. VII, figs. 31-32 (Chorinemus moadetta;Macassar).

ALLOGLOSSIDIUM Simer, P.H., 1929a, 569 (tod:A. kenti).--McMullen, D.B., 1935b, 380 (Plagiorchidae); 1937a, 250 (Macroderoididae).--Olsen, O.W., 1937c, 313, 314 (diagnosis, key to species)(Plagiorchiinae).--Van Cleave, H. J.; & Mueller, J. F., 1934a, 179, 213 (key) (tpd:A. corti (Lamont, 1921); syn.: Plagiorchis pro parte).

species Hunninen, A.V., 1936b, 238(Ameiurus nebulosus;Delaware-Susquehanna watershed).

corti (Lamont, 1921) Van Cleave, H.J.; & Mueller, J.F., 1934a, 213, 214, 215, fig. 3(tpd)(syn.:Plagiorchis corti Lamont, 1921, P. ameiurensis McCoy, 1929, Alloglossidium kenti Simer, 1929) (Schilbeodes gyrinus, S. miurus, Ictalurus punctatus, Ameiurus natalis, A. nebulosus, Ambloplites rupestris; (intestine), Planorbis trivolvis, crayfish;Oneida Lake, New York).--Allison, R., 1957a, 128-130(treatment).--Bangham, R.V., 1939a, 265 (Chaenobryttus gulosus; southern Florida); 1941a, 294, 295, 303 (Ictalurus lacustris punctatus, Ameiurus natalis, Stump-knocker;Florida); 1941b, 445 (Schilbeodes gyrinus; Buckeye Lake, Ohio); 1941c, 166(Ameiurus nebulosus; Algonquin Park Lakes); 1944a, 300, 301, 322 (Ameiurus melas melas;northern Wisconsin); 1955a, 189(Ictalurus l. lacustris).--Bangham, R.V.; & Hunter, G.W. III, 1939a, 414, 417, 434 (digestive tract; Schilbeodes gyrinus; Lake Erie).--Bangham, R.V.; & Venard, C.E., 1942a, 27, 28, 36.--Cort, W.W.; & Ameel, D.J., 1944a, 38, 44, 45-48, 52, 53, 55, fig. 7 (Helisoma trivolvis).--Cort, W.W.; Mc

Mullen, D. B.; & Brackett, S., 1939a, 19, 20, 21 (cercaria in Helisoma campanulatum smithii; Douglas Lake region, Michigan). --Crawford, W. W., 1937b, 389-399, pl. I, figs. 1-13 (Leucorrhinia sp. (exper.), L. intacta; Glenwood Lake, Lake Johanna, Schilbeodes gyrinas, Tetragoneuria cynosura, T. spinigera, Libellula luctuosa, Plathemis lydis, Gomphus spicatus; all exper.). --Fischthal, J. H., 1947a, 176, 178, 180, 181, 218 (Ameiurus n. nebulosus, A. m. melas, A. n. natalis, Noturus flavus, Schilbeodes mollis; Wisconsin); 1950d, 99, 100; 1952b, 25, 34, 35, 56; 1956a, 230, 232 (Schilbeodes m. marginatus; south-central New York streams). --Haderlie, E. C., 1953a, 316-317, 365, 367, 386, pl. 37a, c (Ameiurus nebulosus, Ictalurus catus; intestine; northern California). --Harms, C. E., [1960a], 262 (Ictalurus melas, I. natalis; northeastern Kansas). --Hussey, K. L., 1941b, 194-196, pl. V, figs. 100-102 (cercaria in Helisoma trivolvis; near Ann Arbor); 1941d, 92-93, 1 fig. --Kruidenier, F. J., 1953e, 382, 385, 386, 388, 389, 393, 394, pl., figs. 10-15, pl., figs. 31, 37 (cercaria in Lymnaea palustris, Helisoma trivolvis; near Ann Arbor, Michigan). --McMullen, D. B., 1935b, 369, 376-377, 378, 379, 380, pl. 2, fig. 13 (Heliosoma trivolvis, H. campanulata, bullheads, mayfly nymphs, dragonfly nymphs, crayfish; Michigan); 1937a, 246, 251, 254, fig. 3; 1938b, 275, 277, 278, 279, 280, 1 pl., figs. 2-4 (Heliosoma campanulatum smithii). --Meyer, F. P., 1958a, 482-484, 506, 510, 512, pl. I, fig. 3 (Ictalurus melas; Trumbull Lake, Iowa). --Miller, M. J., 1940c, 430, 431, figs. 7-8 (Ictalurus punctatus; central St. Lawrence watershed). --Olsen, O. W., 1937c, 314, 315, 316, pl. 1, fig. 1.

geminus (Mueller, 1930) Van Cleave, H. J.; & Mueller, J. F., 1934a, 213, 214-215, fig. 3 (syn.: Plagiorchis geminus Mueller, 1930) (Ameiurus natalis, A. nebulosus; Oneida Lake, New York). --Bangham, R. V., 1937a, 358 (Ameiurus melas; Wayne county, Ohio); 1941a, 295, 303 (Ameiurus nebulosus marmoratus, A. natalis; Florida); 1941b, 445 (Ameiurus n. natalis; Buckeye Lake, Ohio); 1941c, 166 (Ameiurus nebulosus; Algonquin Park Lakes, Canada); 1944a, 301, 302, 322 (Ameiurus n. nebulosus, A. n. natalis; northern Wisconsin); 1955a, 189. --Bangham, R. V.; & Venard, C. E., 1946a, 40, 44. --Fischthal, J. H., 1947a, 176, 178, 180 (Ameiurus m. melas; Wisconsin); 1950d, 99, 100; 1952b, 34, 56. --Hunter, G. W. III, 1942a, 281, 285. --Miller, M. J., 1940c, 430, 431, fig. 9 (Ameiurus nebulosus; central St. Lawrence watershed). --Olsen, O. W., 1937c, 314, 315, 316, pl. 1, fig. 2 (key).

kenti Simer, P. H., 1929a, 570-571, pl. 2, fig. 8 (Ictalurus punctatus). --Van Cleave, H. J.; & Mueller, J. F., 1934a, 213, 214 (as syn. of A. corti (Lamont, 1921)).

ALLOGLYPTINAE Yamaguti, S., 1958a, 421.

ALLOGLYPTUS Byrd, E. E., 1950a, 280-281 (tod: A. crenshawi).

crenshawi Byrd, E. E., 1950a, 280-287, pl. 1, figs. 1-3 (Anolis carolinensis; Georgia).

ALLOGOMTIOTREMA Yamaguti, S., 1958a, 81 [nom. nov. for Gomtiotrema Gupta, 1955 preoccupied].

ALLOGOMTIOTREMATINAE Yamaguti, S., 1958a, 81 [nom. nov. for Gomtiotreminae Gupta, 1955].

ALLOLEPIDAPEDON Yamaguti, S., 1940b, 35, 68, 70-71 (Allocreadiidae, Lepocreadiinae; tod: A. fistulariae). --Cable, R. M.; & Hunninen, A. V., 1942a, 308 (Lepocreadiidae, Lepocreadiinae).

fistulariae Yamaguti, S., 1940b, 35, 68-71, figs. 27-28 (tod) (Fistularia petimba; stomach, intestine; Hamazima).

ALLOMEGASOLENA Siddiqi, A. H., 1959a, 428-429. --Siddiqi, A. H.; & Cable, R. M., 1960a, 265, 289-290 (tod: A. attenuata) (key).

attenuata Siddiqi, A. H., 1959a, 428-429 [nomen nudum]. --Siddiqi, A. H.; & Cable, R. M., 1960a, 257, 265, 290-291, 345, fig. 64 (Lutianus apodus; intestine; Punta Arenas, Puerto Rico).

spinosa Siddiqi, A. H., 1959a, 428-429 [nomen nudum]. --Siddiqi, A. H.; & Cable, R. M., 1960a, 257, 265, 290, 344, figs. 62-63 (key) (Chaetodipterus faber; intestine; Puerto Real, Puerto Rico).

ALLOMETORCHIS Baer, J. G., [1944a], 57, 58, 59 (Opisthochidae; tod: A. intermedius (Price, 1929)). --Skrjabin, K. I.; & Petrov, A. M., 1950a, 238 (as syn. of Metametorchis (Morosov, 1939) Skrjabin et Petrov, 1950). --Yamaguti, S., 1958a, 860 (as syn. of Parametorchis Skrjabin, 1913).

canadensis (Price, 1929) Baer, J. G., [1944a], 57 (syn.: Parametorchis canadensis Price, 1929).

intermedius (Price, 1929) Baer, J. G., [1944a], 57 (tod) (syn.: Parametorchis intermedius Price, 1929).

manitobensis (Allen & Wardle, 1934) Baer, J. G., [1944a], 57 (syn.: Parametorchis manitobensis Allen & Wardle, 1934).

ALLOPETASIGER Yamaguti, S., 1958a,

894(tod:A. linguiformis(Kogame, 1935).
linguiformis (Kogame, 1935) Yamaguti, S., 1958a, 894.
(ALLOPHARYNX) Shtrom, Zh. K., 1928a, 171(as subg. of Xenopharynx)(type Xenopharynx (Allopharynx) amudariensis). --Mehra, H. R., 1937a, 455.
ALLOPHARYNX (Strom, 1928) Price, E. W., 1938e, 11(syn.:Ophiorchis, Ptyasiorchis, Megacustis)(key). --Byrd, E. E., & Denton, J. F., 1938b, 46(Styphlodorinae). --Chatterji, R. C., 1940a, 385, 387, 388. --Tamura, M., 1941a, 201 (diagnosis emend.)(key).
amudariensis (Shtrom, 1928) Price, E. W., 1938e, 11. --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 39; 1942a, 124(Natrix tessellata; Turkestan). --Tamura, M., 1941a, 201.
japonicus Tamura, M., 1941a, 197-200, 201, 205, figs. 1-3(key) (Elaphe quadrivirgata; bile duct; Takamizu, Yamaguti Prefecture, Japan).
mehrai (Gogate, 1935) Price, E. W., 1938e, 11. --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1942a, 124(Ptyas korros, P. mucosus; Burma).
multispinosus (Bennett, 1935) Price, E. W., 1938a, 11. --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 37; 1942a, 124 (Anolis carolinensis; Louisiana). --Tamura, M., 1941a, 201.
tropidonoti (MacCallum, 1918) Price, E. W., 1938e, 9, 10-11, fig. 4(syn.:Distomum tropidonoti MacCallum, 1918) (Tropidonotus trianguligerus). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 39; 1942a, 124(Natrix trianguligera; Java).
ALLOPLAGIORCHIS Simer, P. H., 1929a, 573-574(tod:A. garricki). --Van Cleave, H. J.; & Mueller, J. F., 1934a, 178 (key). --Yamaguti, S., 1958a, 66 (as syn. of Triganodistomum Simer, 1929).
garricki Simer, P. H., 1929a, 574-575, pl. 2, fig. 7 (Carpiodes difformis; small intestine; Tallahatchie River, Mississippi). --Yamaguti, S., 1958a, 66 (as syn. of Triganodistomum garricki).
ALLOPSEUDAXINE Yamaguti, S., 1943h, [3](mt. A. katsuwonis (Ishii, 1936)). --Price, E. W., 1959a, 23 (Gastrocotylidae, Gastrocotylinae).
katsuwonis (Ishii, 1936) Yamaguti, S., 1943h, [3](Katsuwonus vagans; Japan).
ALLOPYGE Johnston, S. J., 1913a, 362 (tod:A. antigones). --Fuhrmann, O., 1928b, 121. --Joyeux, C. E.; & Baer, J. G., 1927b, 418, 420, 424(as syn. of Cyclocoelum Brandes, 1892). --Lal, M. B., 1939c, 132, 133 (as syn. of Cyclocoelum Brandes, 1892). --Witenberg, G. G., 1926a, 162, 170.
species Gushanskaia, L. Kh., 1952b, 184, 185, fig. 5(Phasianus colchicus; SSSR). --Kasimov, G. B., 1956c, 105, fig. 72 (Phasianus colchicus lorenzi; Georgian; SSR). --Kurashvili, B. E., 1957a, 93-94, fig. 39(Phasianus c. colchicus; kidney ?; Georgian SSR).
species Sultanov, M. A., [1959b], 366(bekas [Capella gallinago]; Uzbekistan).
adolphi (Stossich, 1902) Johnston, S. J., 1914a, 243(Grus grus; Europe). --Joyeux, C. E.; & Baer, J. G., 1927b, 420. --Sprehn, C. E. W., 1932c, 290(as syn. of Hyptiasmus adolphi (Stossich, 1902)). --Witenberg, G. G., 1926a, 120, 163, 170(Ardea cinera).
antigones Johnston, S. J., 1913a, 362, 375-378, pl. 23, fig. 8, pl. 26, figs. 31-32 (Antigone australasiana; small intestine; Queensland); 1914a, 243; 1917a, 250, 252, 254. --Cleland, J. B., 1922b, 93. --Dubois, G., 1959b, 104, 116 (as syn. of Cyclocoelum (Hyptiasmus) antigones(S. J. Johnston 1913)). --Johnston, T. H., 1916a, 47. --Joyeux, C. E.; & Baer, J. G., 1927b, 420, 425 (as syn. of Cyclocoelum adolphi Stossich). --Witenberg, G. G., 1923b, 135; 1926a, 120, 162, 170.
ominosus (Kossack, 1911) Johnston, S. J., 1914a, 243 (Grus grus; Europe). --Joyeux, C. E.; & Baer, J. G., 1927b, 420. --Sprehn, C. E. W., 1932c, 291 (as syn. of Hyptiasmus ominosus (Kossack, 1911). --Witenberg, G. G., 1926a, 120, 163, 170.
skrjabini Shakhtakhtinskaia, Z. M., 1951a, 165-167, fig. (Grus grus; orbital cavity; Azerbaidzhan SSR); 1956b, 285. --Dubois, G., 1959b, 104-105, 116 (key) (as syn. of Cyclocoelum(Hyptiasmus) skrjabini (Shakhtakhtinskaja 1951)).
undulatus Canavan, W. P. N., 1934a, 117, 118-119, fig. 1 (Megalornis grus lilfordi; Philadelphia Zoological Garden). --Dubois, G., 1959b, 105 (as syn. of Cyclocoelum (Hyptiasmus) ominosum (Kossack)).
ALLOSOSTOMA Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1942a, 118 (for Allasostoma Stunkard, 1916).
ALLOSSOSTOMOIDES Kuntz, R. E., 1941a, 33(for Allassostomoides).
ALLOSTOMACHICOLA Yamaguti, S., 1958a, 311 (type: A. secundus (Srivastava, 1939) (syn.:Pseudostomachicola Skrjabin & Gushanskaia, 1954, partim).
secundus (Srivastava, 1939) Yamaguti, S., 1958a, 311 (Hemirhamphus limbatus; Puri, India).
ALOCREADIUM Layman, E. M., 1933b, 75 (for Allocreadium).
AMETRODAPTES Bravo Hollis, M., 1956a,

257, 261-262, 275(tod: A. mexicana).
mexicana Bravo Hollis, M., 1956a, 257-261, 275, figs. 9-11(Haemulon scudderi; intestine; Puerto Vallarta, Jalisco).
AMFISTOMIDI Sonsino, 1895, see Amphistomidae.
AMPHIBDELLA Chatin, J.C.M., 1874a, 11-16(mt.; A. torpedinis).--Benham, W.B.S., 1901a, 53.--Braun, M.G.C.C., 1890a, 412, 417, 444, 468, 484, 512, 519, 523, 542, 545(diagnosis).--Chauhan, B.S., 1945b, 151.--Froissant, A., 1930a, 34.--Fuhrmann, O., 1928b, 27.--Johnston, T.H.; & Tiegs, O.W., 1922a, 85, 92, 96.--Maclaren, N.H.W., 1904b, 583, 598, 599, 600.--Monticelli, F.S., 1889f, 116; 1903c, 336(syn. of Tetraonchus).--Perrier, E., 1897a, 1805.--Pratt, H.S., 1900a, 646, 654(key), 657, fig. 47.--Price, E.W., 1937b, 123, 151(diagnosis).--Sproston, N.G., 1946a, 187, 215.--Saint-Remy, G., 1898a, 524.--Stossich, M., 1898c, 17.--Tripathi, Y.R., [1959a], 62(key).
flavolineatus MacCallum, G.A., 1916c, 29-30, figs. 12, 12A(Tetranarce occidentalis; gills; Wood's Hole).--Johnston, T.H.; & Tiegs, O.W., 1922a, 96.--Linton, E., 1940a, 4.--Llewellyn, J., 1960a, 561, 562, 563, 564, 565, 566, 569, 570, 571, 573, 574, 577, 578, 579, 581, 583, 586, 587, figs. 4A-B, 11A-B, 15, 19, 26, pl. I, fig. 1, pl. 2, fig. 2.--Price, E.W., 1937a, 151-153, figs. 1-4.--Rees, G.; & Llewellyn, J., 1941a, 392, 393, 394(Torpedo nobiliana; gills, Irish Sea).--Sproston, N.G., 1946a, 221, 222, 509, 541, 543(emend.).
maccallumi Johnston, T.H.; & Tiegs, O., 1922a, 96[for A. torpedinis Chatin of MacCallum, 1916].--Rees, G.; & Llewellyn, J., 1941a, 392, 393, 394(Torpedo nobiliana; gills; Irish Sea).
paronaperugiae Llewellyn, K., 1960a, 563, 564, 565, 566, 569, 570, 571, 572, 574, 577, 579, 581, figs. 5, 13A-B, 21, 28(Torpedo torpedo; gill mucosa; Plymouth).
torpedinis Chatin, J.C.M., 1874a, 11-16, pl. 2(IX), figs. 13-14(Torpedo marmorata; Mediterranean).--Blanchard, R.A.E., 1888p, 160(torpille).--Brandes, G.P.H., 1894a, 307.--Braun, M.G.C.C., 1890a, 418, 426, 444, 452, 545, 549, 552(Genoa, Triest).--Froissant, A., 1930a, 55-56(Torpedo marmorata; ext.; France).--Johnston, T.H.; & Tiegs, O., 1922a, 96.--Llewellyn, J., 1960a, 562, 563, 564, 565, 566, 569, 570, 571, 572, 574, 577, 579, 580, 582, 583, 584, 585, 586, 587, 589, figs. 6, 12A-B, 20, 27, pl. 1, fig. 4(Torpedo marmorata).--MacCallum, G.A., 1916c, 27-28, fig. 11(Tetranarce occidentalis; gills).--Maclaren, N.H.W., 1903a, 262(Torpedo ocellata; gills; Naples); 1904b, 587.--Monticelli, F.S., 1888, 93, 110; 1899f, 116(Gyrodactylidae, Tetraonchus); 1890i, 193-195(Torpedo narce, T. marmorata); 1905c, 79.--Palombi, A., 1949b, 215-217, fig. 4.--Parona, C., 1894a, 138, 578.--Parona, C.; & Perugia, A., 1890, 8; 1890, 363-367; 1890, 335-336.--Perrier, E., 1897a, 1805.--Pratt, H.S., 1900a, 657, fig. 47.--Ruszkowski, J.S., 1931a, 161, 162, 163, 164, 165, 166, 178, figs. 1-4(Torpedo ocellata, T. marmorata; heart).--Sproston, N.G., 1946a, 221, 541, 543, figs. 8a-c.--Stossich, M., 1898c, 17-18c(Torpedo marmorata; Triest).
AMPHIBDELLATIDAE (Carus, 1885) Bykhovskii, B.E., 1957a, 34, 65, 96, 270, 272, 278, 301, 303-305, 318, 340, 387, 388, 390, 397, 448, 452, 453(emend).
AMPHIBDELLIDAE Carus, J.V., 1885a, 121(contains Amphibdella Chatin).--Johnston, T.H.; & Tiegs, O., 1922a, 90, 92(as syn. of Gyrodactylidae, Tetraonchinae).--Llewellyn, J., 1960a, 580(emend.).--Monticelli, F.S., 1888, 93; 1889, 116(Gyrodactylidae).
AMPHIBDELLOIDES Price, E.W., 1937b, 123, 153(tpd: A. maccallumi Johnston & Tiegs)(syn.: Amphibdella Chatin 1874 in part)(diagnosis, key).--Chauhan, B.S., 1945b, 151(key).--Sproston, E.G., 1946a, 187, 215, 222.--Tripathi, Y.R., [1959a], 62.
maccallumi (Johnston & Tiegs, 1922) Price, E.W., 1937b, 152, 153-154, figs. 5-8(tpd)(Tetranarce occidentalis, Squalus acanthias).--Alexander, C.G., 1954a, 280-281, 283, pl. 2, figs. 1-5(Torpedo californica; gills; Cortes Bank off coast of southern California).--Llewellyn, J., 1960a, 561, 562, 563, 564, 565, 566, 567, 569, 570, 571, 573, 574, 575, 577, 578, 581, 583, 584, 586, figs. 1, 8A-C, 14, 16, 22, 23, pl. 1, fig. 2, pl. 2, fig. 1, pl. 3(Torpedo nobiliana).--Sproston, N.G., 1946a, 222, 223, 509, 541, 543, figs. 9a-e(Tetranarce occidentalis; Woods Hole, Squalus acanthias; Woods Hole, Torpedo marmorata; Mediterranean, T. nobiliana, Irish Sea, T. narke; Irish Sea, Mediterranean).
narcine Hargis, W.J.(jr.), 1955b, 130, 131, 134-136, figs. 14-18(Narcine brasiliensis; gills; Alligator Harbor, Florida).--Llewellyn, J., 1960a, 563, 564, 565, 570, 571, 574, 577, 582, 584, figs. 3, 10A-c, 18, 25.
vallei Llewellyn, J., 1960a, 562, 563, 565, 569, 570, 571, 574, 577, 581, 582, 586, figs. 2, 9A-C, 17, 24, pl. 1, fig. 3

(Torpedo marmorata; secondary gill lamellae; Sète, Mediterranean).

AMPHIBOTHRIUM Frey, H.; & Leuckart, K. G. F. R., 1847, 147(mt.: A. kroeyeri) (=Amphibothrium Leuckart, 1847, see Braun, 1889a, 343).--van Beneden, P. J., 1858a, 12; 1861a, 12.--Braun, M. G. C. C., 1890a, 518 (syn. of Udonella).--Diesing, K. M., 1850a, 427 (syn. of Udonella).

kroeyeri Frey, H.; & Leuckart, K. G. F. R., 1847a, 147-148, pl. 2, fig. 2 (Caligus sp. parasitic on Gadus).

kroyeri Diesing, M. M., 1850a, 427 for kroeyeri (syn. of Udonella caligorum Johnston) (Caligo hippoglossi vulgaris, C. triglae, C. curto; body surface).--van Beneden, P. J., 1858a, 13; 1861a, 13 (syn. of Udonella caligorum Johnston).--Taschenburg, O., 1878b, 573 (syn. of Udonella caligorum F. & L.).

(AMPHIMERUS) Erhardt, A., 1935b, 190, 220 (subg. of Opisthorchis).

AMPHIMERUS Barker, F. D., 1911a, 534-536 (type: A. ovalis).--Baer, J. G., [1944a], 53, 57, 58, 59 (Opisthorchidae). Baylis, H. A., 1929c, 19.--Bisseru, B., 1957a, 192, 193 (as syn. of Opisthorchis Blanchard, 1895).--Bittner, H.; & Sprehn, C. E. W., 1928a, 2.--Braun, M. G. C. C., 1915a, 190.--Castellani, A.; & Chalmers, A. J., 1919a, 576, 577.--Fuhrmann, O., 1928b, 117.--Gower, W. C., 1938c, 14-15, 35, 40; 1939a, 584.--International Commission on Zoological Nomenclature, 1914a, 140-143.--Lal, M. B., 1939c, 139.--Morgan, D. O., 1927c, 93, 96, 97-98, 101, 103.--Nicoll, W., 1927a, 343.--Price, E. W., 1932h, 26, 29; 1940c, 6, 7.--Skrjabin, K. I., 1913i, 378.--Sprehn, C. E. W., 1932c, 232, 239 (syn.: Paropisthorchis Stephens, 1912).--Travassos, L. P., 1928c, pl. 42, fig. 6.

species Cable, R. M., 1939a, 201 (Chelydra serpentina; gall bladder & bile ducts; Kentucky, Goniobasis semicarinata (exper.).

species Mamaev, Iu. L., 1959a, 161 (teterev [Lyrurus tetrix]; eastern Siberia).

species Price, E. W., 1931i, 51 (Meleagris gallopavo; liver; Ohio).

anatis (Yamaguti, 1933) Gower, W. C., 1938c, 40, 72 (Gallus gallus, Anas p. platyrhynchos); 1939a, 584, 617, 618 (Gallus gallus, Anas p. platyrhynchos, domestic ducks, ducks).—Bykhovskaia, I. E. Pavlovskaia, [1954b], 27-28, 104, 105, fig. 13 (Nyroca ferina, Anas platyrhyncha; liver; western Siberia).--Chin, T. H., 1950a, 21, 24 (syn.: Opisthorchis anatis Yamaguti, 1933, O. tsingkiangpuensis Hsu & Chow, 1938).--Krotov, A. I., 1960c, 486.--Sultanov, M. A., [1959b], 366 (chirok-svistunok [Anas crecca]; Uzbekistan).

bogoriensis Muchlis, A., 1960a, 77-80, figs. 1-2 (common house duck; bile duct; Bogor, Indonesia).

caninus (Barker, 1911) Leiper, R. T., 1913g, 288.--Sprehn, C. E. W., 1932c, 235.

caudalitestis Caballero y Caballero, E.; Grocott, R. G.; & Zerecero y Diaz, M. G., [1953a], 190-193, figs. 8-9 (Chironectes panamensis; bile ducts; Panama).

elongatus Gower, W. C., 1938c, 3, 15-16, 41, 72, 73, 74, 75, 90, pl. 1, figs. 1-4 (ducks, swans, fishes, Glaucionetta clangula americana, Anas p. platyrhynchos, A. rubripes, Nyroca affinis, N. valisineria, N. americana, Mareca americana, Paecilionetta bahamensis rubrirostris; Michigan); 1938b, 229-230; 1939a, 584, 616, 617, 619, 620, 621, 622.--Dollfus, R. P. F., 1946f, 204, 206 (subg. Es[.i.e. r.]shoviorchis).--Wallace, F. G., 1939b, 491-494, figs. 1-2 (Notropis deliciosus stramineus; Minnesota, chicks (exper.), ducklings (exper.); 1940b, 37 (Pimephales promelas, chicks, ducks, pigeons, Amnicola limosa porata, mice).

filiformis Ishii, N., (1935b); 1935c, 275, 276, 277-278, 283, 284, pl. 15, fig. 2 (Anas p. platyrhyncha; Japan).

guayaquilensis (Rodriquez, M.; Gomez Lince; & Montalvan, C., 1949) Caballero y Caballero, E.; Grocott, R. G.; & Zerecero y Diaz, M. C., [1953a], 193-199, figs. 10-12 (Felis catus domesticus, Didelphis marsupialis etensis; bile ducts; Panama).

interruptus (Braun, 1901) Barker, F. D., 1911a, 537, pl. 18, fig. 1 (Ardea virescens, Alcedo viridirufa; Brazil).--Caballero y Caballero, E.; & Diaz Ungria, C., 1958a, 34 (herons; liver & pancreas; Venezuela).--Morgan, D. O., 1927c, 97.--Travassos, L. P., 1928c, 313, 347 (Ceryle inda, Butorides virescens, Syrigma sibilatrix, Pilherodius pileatus, Herodias egretta, Ardea cocoi, Butorides striata, Tigrisoma brasiliensis, Nycticorax naevius, Plotus anhynga, Rupornis magnirostris nattereri; bile ducks).

lancea (Diesing, 1850) Barker, F. D., 1911a, 537-538, pl. 18, fig. 4 (Delphinus tacuschi, Orcella brevirostris; Brazil).--Baylis, H. A., 1932b, 396, 412, 413 (Orcella brevirostris, Sotalia tucuxi; liver).--Bittner, H. & Sprehn, C. E. W., 1928a, 22 (Pica pica).--Morgan, D. O., 1927c, 97.--Travassos, L.

P., 1928c, 313.--Price, E. W., 1932h, 29, 30, 58, pl. 8, figs. 32-33.
lintoni Gower, W. C., 1939d, 140-142, fig. 15C-E (syn.: Haematotrephus fodiens Linton, 1938 (encysted form) (Gavia immer; pancreas; Woods Hole, Massachusetts).--Dollfus, R. P. F., 1946f, 205 (subg. E[r]schoviorchis).
noverca (Braun, 1902) Barker, F. D., 1911a, 538, pl. 20, figs. 1-3 (Homo; India).--Bittner, H.; & Sprehn, C. E. W., 1928a, 23 (Canis fam.).--Brumpt, E. J. A., 1913a, 333.--Castellani, A.; & Chalmers, A. J., 1919a, 577, 1907, 1917.--Cort, W. W., 1921 1, 52.--Fantham, H. B.; Stephens, J. W. W.; & Theobald, F. V., 1916a, 257, 258, fig. 156.--Leiper, R. T., 1913g, 287.--Neveu-Lemaire, M., 1921e, 210, fig. 117 (syn.: Distomum conjunctum); 1927b, 378.
ovalis (Barker, 1911) Barker, F. D., 1911a, 535, 536-537, pl. 17, figs. 5-9 (Trionyx spinifer, T. muticus; Minnesota, Iowa).--Leiper, R. T., 1913g, 286.--Morgan, D. O., 1927c, 97.--Sprehn, C. E. W., 1932c, 239.
pseudofelineus (Ward, 1901) Barker, F. D., 1911a, 538-539, pl. 17, figs. 1-5 (Felis catus dom., Canis latrans; Nebraska, Iowa).--Baker, D. W., 1934b, 45 (cat; New York).--Bittner, H.; & Sprehn, C. E. W., 1928a, 23 (Felis dom.).--Erickson, A. B., 1944b, 365, 368 (Canis latrans; North America).--Gilford, J. H., 1954a, 703 (Ondatra z. zibethica; Illinois).--Hall, M. C., 1913a, 82 (Canis latrans); 1923 1, 12-12, 14, 51, fig. 1 (cat).--Koutz, F. R., 1950c, 127 (cat; bile ducts; Ohio).--Levine, N. D.; Beamer, P. D.; & Maksic, D., 1956a, 37; 1958a, 47-49 (as cause of Hepatitis in cat).--Lewert, R. M.; & Lee, C. L., 1953a, 24.--Morgan, D. L., 1927c, 97.--Ortlepp, R. J., 1924a, 36 (domestic cat; Surinam).--Riley, W. A.; & Christenson, R. O., 1930a, 58.--Sprehn, C. E. W., 1930s, 259; 1932c, 239, 818.--Turk, R. D., 1949a, 23, fig.
speciosus (Stiles & Hassall, 1896) Barker, F. D., 1911a, 539, 541, 542 (Corvus americanus, C. ossifragus, egrets; Maryland, D. C.).--Bittner, H.; & Sprehn, C. E. W., 1928a, 23 (Corvus corone, Egretta alba).--Cram, E. B., 1928b, 72 (Rattus norvegicus).--Morgan, D. O., 1927c, 97.
AMPHIORCHIINAE Yamaguti, S., 1956a, 525-526.
AMPHIORCHIS Price, E. W., 1934b, 133, 135, 139, 140 (tod: A. amphiorchis).--Byrd, E. E., 1938a, 28; 1939a, 122, 124, 138, 139, 142, 144, 145 (Spirorchinae; 1939b, 122, 124, 138, 139, 142, 144, 145.
amphiorchis Price, E. W., 1934b, 134, 135, figs. 3-4 (tod) (Chelone mydas; visceral blood vessels; Washington, D. C.--Byrd, E. E., 1939a, 138; 1939b, 138.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 40; 1942a, 128.
lateralis Oguro, Y., 1938a, 1-4, fig. 1 (Eretmochelys squamosa; blood vessel; Palao Island, South Sea Islands).
AMPHIPOLYCOTYLE Hargis, W. J. (jr.), 1945b, 1115 [nomen solum]; 1957b, 2, 3, 12 (tod: A. chloroscombrus).--Price, E. W., 1959a, 23.
chloroscombrus Hargis, W. J., (jr.), 1957b, 2-3, 5, 12, pl., figs. 1-6 (Chloroscombrus chysurus; gills; alligator Harbor & Tampa Bay, Florida).
AMPHISTOMA [a] [b] Rudolphi, C. A., 1801a, 50-51, 54 (Strigea Abildgaard, 1790, renamed, hence type strigis=macrocephalum); 1802b, 92-93; 1809a, 5, 21, 37, 340, pl. 5, figs. 4-7 [a, capite discreto, 6 species in birds; b, capite continuo, 3 species in birds, amphibia, & mammals]; 1819a, 87, 351-352, 589.--Baillet, C. C., 1866b, 99, 105-106.--Bellingham, O'B., 1844a, 338.--van Beneden, P. J., & Hesse, C.-E., 1864a, 61.--Benham, W. B. S., 1901a, 65, 82, 90.--de Blainville, M. H. D., 1828a, 582-583.--Blanchard, E., 1847a, 309-310; 1849g, 79-80.--Blanchard, R. A. E., [1886m], 841; 1888a, 543, 632, 636; 1896b, 730.--Brandes, G. P. H., 1888a, 9, 10, 13; 1891d, 12, 20.--Braun, M. G. C. C., 1883a, 69, 70; 1889i, 437; 1890a, 514, 515; 1892a, 568, 635, 650, 667, 681, 696, 698, 699, 707, 709, 710, 715, 720, 722, 738; 1892f, 49, 50, 51; 1893a, 851, 852, 872, 879, 880, 883, 884, 886, 890, 892, 893, 895, 902, 903, 904, 905, 906, 918; 1893f, 383; 1894a; 1147; 1895b, 134, 136, 137; 1898a, 1583.--Bremser, J. G., 1824a, 132-133.--Burckhardt, R., 1891a, 63.--Burmeister, H., 1837a, 530; 1856a, 250.--Carus, J. V., 1863a, 479.--Cobbold, T. S., 1875n, 817-821.--Cohn, L., 1903a, 35-42.--Creplin, F. C. H., 1825a, 35-38; 1837a, 309, 313; 1839a, 286; Cuvier, (Baron) G., 1817a, 41.--Dadai, J., 1906a, 603.--Daniels, C. W., 1910a,

[a] Rudolphi deliberately renamed a previously validly named genus, namely Strigea Abildgaard, 1790, referring clearly to this fact both in 1801a, 50-51, & 1802b, 92. He makes but one combination (Amphistoma subclavatum), but since Amphistoma is clearly a new name proposed for an older one (Strigea), which Rudolphi changed on the alleged ground that it was inappropriate, Amphistoma should be suppressed in favor of Strigea & take the same species as type.

[b] Since 1816 written almost indiscriminately Amphistoma or Amphistomum.

17; 1914a, 32; Daniels, C. W.; & Stanton, A. T., 1907a, 342, 344, 350. --Davaine, C. J., 1877a, lxxx.—Deslongchamps, E. E., 1824c, 53-57. --Diesing, K. M., 1836d, 238-246 (monograph); 1839a; 1850a, 288, 307(sub Hemistomum), 312(sub Holostomum), 317 (sub Codonocephalus), 318 (sub Diplodiscus), 319(sub Monostoma), 400-407, 573(sub Tetrabothriorhynchus); 1858e, 312, 322 (of Bellingham, 1844a, 339)(as syn. of Holostomum falconum), 357-358.--Dollfus, R. P. F., 1923e, 217. --Dujardin, F., 1845a, 327-331.--Edelmann, R. H., 1914a, 273.--Eichwald, E., 1829a, 248. --de Filippi, F., 1837a, 334, 336.--Fischer von Waldheim, G., 1840a, 156. --Fischoeder, F., 1901a, 367-375 (revision with several new genera); 1902a, 6, 7, 10 (Strigea) (see Paramphistomum, nomenclature; as syn. of Paramphistomum); 1903h, 487 (Strigea Abildgaard, renamed), 488-489, 490(type strigis = macrocephalum) (of mamals, revision).--Fuhrmann, O., 1928b, 41.--Fukui, T., 1922f, 748-755 (history of classification, key); 1922g, 801-806(analytical key); 1929b, 300, 301, 302, 306. --Gamble, F. W., 1896a, 73; 1901a, 71, 73. --Goldberg, O. F. P. F., [1855a], 17.--Goubaux, A. C., 1863a, 882-884. --Gurlt, E. F., 1831a, 369. --Hahn, L.; & Lefèvre, E., 1884b, 806. --Hertwig, K. W. T. R., 1922a, 263. --Hoyle, W. E., 1888a, 535, 539. --Hutyra, F.; & Marek, J., 1910b, 708. --Joy, W. B., 1835a, 504. --Kathariner, L., 1895b, 130.--Katiyar, R. D., 1953a, 414.--Kholodkovskii, N. A., 1898a, 33; 1899a, 153. --Kitt, T., 1885a, 148. --Knuth, P.; & Du Toit, P. J., 1921a, 846, 847. --Kuppuswamy, P. B., 1948a, 74.--de Lamarck, J. B. P. A. de M. (Chevalier), 1816b, 187-188. --Lamouroux, J. V. F., 1822a, 297. --Leblond, C., 1836e, 292.--Lejtenyi, K., 1880a, 127, 133, 135.--Leuckart, K. G. F. R., 1863a, 451, 459, 462, 463, 524.--L'Herminier, F. -J., 1826a, 10. --von Linden, M., 1915a, 155. --Looss, A., 1892a, 126; 1894a, 10, 20, 178, 249; 1896b, 173-177; 1901 1, 622; 1902m, 430, 438, 439, 638, 676, 746, 780 (Paramphistomum). --López-Neyra, C. R., 1924a, 12. --Mödlinger, G., 1925a, 170.--Moniez, R. -L., 1896a, 87.--Monticelli, F. S., 1888a, 7, 12, 30, 46, 47, 52, 56, 63, 64, 71, 83 (Amphistoma), 84, 90, 91, 103; 1892a, 196, 197, 214; 1892e, 700, 710; 1892m, 38; 1893i, 27, 108, 208.--Moulinié, J. J., 1856a, 11, 12, 15.--Mudaliar, S. V., 1950a, 321.--Neumann, L. G., 1892a, 345.--Neveu-Lemaire, M., 1904a, 73; 1912a, 593.--Nezlobinski, N., 1926a, 203.--Nitzsch, C. L., 1819a, 398-401.--von Nordmann, A., 1840a, 544, 614, 625-627, 628-629.--Odhner, T., 1911e, 183.--von Olfers, I. F. M., 1816a, 22, 47. --Olsson, P., 1866-67a, 8; 1869b, 488, 490. --Otto, H. R., 1896a, 85-141, 275-296, figs. 1-30(anatomy, histology). --Pagenstecher, H. A., 1857a, 52.--Pearse, A. S., 1913j, 262.--Perrier, E., 1897a, 1808. --Perroncito, E., 1882a, 286.--Peter, C. T., [1954b], 222.--Poirier, J., 1883a, 79.--Pratt, H. W., 1900a, 645.--Rafinesque [Rafinesque-Schmaltz], C. S., 1815a, 151 (genus of Filaridia).--Railliet, A., 1892k, 633-634; 1893a, 376(Strigea).--Reichenbach, A. B., 1842a, 151.--Rousseau, L.[1], 1833-34a, 149-150.--Saint-Loup, R., [1895a], 154.--Schneidemühl, G., 1896a, 295, 303.--Schneider, A. F., 1866a, 334. --Shipley, (Sir)A. E., 1905d, 7(as syn. of (Strigea), 8(type Holostomum macrocephalum).--Shipley, (Sir)A. E.; & Hornell, J., 1904a, 80.--Simroth, H.; & Hoffmann, H., 1928a, 1334.—Sluiter, C. P.; & Swellengrebel, N. H., 1912a, 180, 210.--Sonsino, P., 1895n, 181, 183, 184, 185, 186. --Sprehn, C. E. W., 1932c, 186(as syn. of Paramphistomum Fischoeder, 1901).--Stazzi, P., 1900a, 468.--Stiles, C. W., 1898a, 24, 64; 1924e, 95.--Stiles, C. W., & Goldberger, J., 1910a, 9, 170, 171, 200, 217.--Stunkard, H. W., 1925c, 137-148. --Taschenberg, E. L., 1879b, 232, 233, 256.--Vaullegeard, A., 1899b, 53.--Vogt, C., 1878a, 9, 10.--de Wallenstedt, A. C. H. A., [1847a], 7.--Wardle, R. A., 1929a, 53, 89.--Westrumb, A. H. L., 1821a, 46; 1823a, 390-398, pl. 5, figs. 1-2.

1803: Amphystoma Rudolphi, C. A., 1803a, 29 (misprint).

1819: Amphistomum Nitzsch, C. L., 1819a, 397-401(emendation).--Creplin, F. C. H., 1825a, 35; 1837a, 309, 313.

1819: Amphiostoma Rudolphi, C. A., 1819a, 88 (misprint).

1822: Amphistome Lamouroux, J. V. F., 1822a, 297(French word or misprint).

1888: Amphistomum Monticelli, F. S., 1888a, 83(misprint).

species Bellingham, O'B., 1844a, 340.--Braun, M. G. C. C., 1901a, 55, 56.--Looss, A., 1902m, 430.--Stunkard, H. W., 1917a, 61 (Chelonia imbricata).--Szidat, L., 1928d, 206(Corvus corone, Falco nisus, F. rufus, Oidemia nigra).

species Bennett, H. J.; & Humes, A. G., 1938b, 249(miracidium in Castor canadensis carolinensis; Gonzales, Louisiana).

species Brau, P., 1912c, 585(pigs; Cochin China).

species Buckley, J. J. C., 1933c, 110, 113 (sheep; Southern Rhodesia).

species Cameron, T. W. M., 1944a, 12(Amnicola limosa porata).

species Cawston, F.G., 1919k, 211.
species Cawston, F.G., 1920d, 116 (Isidora schakoi; Potchefstroom).
species Cawston, F.G., 1925c, 366 (Isidora tropida, I. forskali, I. natalensis, I. craveni).
species Cobbold, T.S., 1879b, 357 (Equus caballus).--Ward, H. B., 1895a, 338 (Equus caballus; stomach).
species Daulatram, J., 1949a, 21 (fowls; cropl Hyderabad).
species [No. 2] Evans, G. H.; & Rennie, T., 1908a, 23-24, pl. 9, figs. 1-2 (ox; caecum; Upper Burma).--Bhattacharjee, J., 1937b, 4 (as syn. of Paramphistomum microon Railliet, 1924).
species [No. 3] Evans, G. H.; & Rennie, T., 1908a, 24-25, pl. X, figs. 1-2 (oxen; biliary canals; Burma).--Bhattacharjee, J., 1937b, 4 (as syn. of Paramphistomum birmiense Railliet, 1924).
species [No. 4] Evans, G. H.; & Rennie, T., 1908a, 25-26, pl. 11 (bovines; rumen; Burma).--Bhattacharjee, J., 1937b, 4 (as syn. of Paramphistomum cervi (Schrank, 1790)).
species [No. 5] Evans, G. H.; & Rennie, T., 1908a, 26-27 (ox; rumen; Burma).--Bhattacharjee, J., 1937a, 4 (as syn. of Paramphistomum cervi (Schrank, 1790)).
species Faust, E.C., 1935c, 330-331, fig. 6 (rediae of amphistomate (?) fluke in Ampullaria cumingii; Panama).
species Fischoeder, F., 1903h, 594; 1904a, 468 (syn. ? of Paramphistomum scoliocoelium).
species Fuhrmann, O., 1928b, 36, fig. 42 (Chelone).
species Fukui, T., 1923a, 149, 158-159, fig. (Phalacrocorax carbo ?; Japan).
species Gordon, H.M., 1953e, 165, (sheep) (treatment).
species Griffiths, R. B., 1957a, 85, 109 (goats; rumen, cattle; rumen & reticulatum; Burma).
species de Jesus, Z., 1938b, 22 (Bos taurus; Philippine Islands).
species Johnston, T.H., 1912d, 87 (Neoceratodus forsteri).--Travassos, L. P., 1934c, 113 (sp. inq.).
species Johnston, T.H., 1916a, 56, 62 (Elseya dentata, Ceratodus forsteri; Queensland).
species Krefft, G., 1871a, 213 (Elseya dentata; Australia).--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 41; 1942a, 119.
species Merkens, J., 1939a, 123 (deer; Nederl. - Indie).
species Nigrelli, R.F., 1940b, 550 (Trichechus manatus latirostrus; New York Aquarium).
species Pande, P.G., 1935a, 364, 365, 371-375 (cattle; rumen, reticulum, 4th stomach, duodenum, ileum).
species Porter, A., 1948a, 673 (Equus grevyi; London Zoo).
species (ova) Rajagopalan, V. R., 1957a, 21 (Madras).
species [?conicum] Schuurmann, J.F.M., 1926a, 571 (cattle; rumen; South Africa).
species Simson, W.A., 1926a, 748 (larvae in intestines of cattle & sheep).
species Sircar, R.M., 1956a, 112, 114, 115, 117 (sheep; intestine; Bihar).
species Sturgess, G.W., 1935a, 181.
species Trowbridge, A.H.; & Hefley, H.M., 1934a, 17, 18 (Rana sphenocephala, bullfrog [Rana catesbeiana]; near Norman, Oklahoma).--Walton, A.C., 1947c, 26 (larvae in Rana catesbiana; North America).
species Ware, F., 1936b, 32 (immature, in cattle).
alba Travassos, L.P., 1925a, 973 (lapsus for Amphisbaena alba).
anatis Rudolphi, C.A., 1819a, 793 for anatis querquedulae 1819a, 92.
anatis querquedulae Rudolphi, C.A., 1819a, 92 (Anas querquedula; C.E.V.).--Diesing, K.M., 1836d, 253.--Westrumb, A.H.L., 1823a, 398.
anatis tadornae (Viborg, 1795) Rudolphi, C.A., 1809a, 352; 1814a, 100 (=A. isostomum).--Diesing, K.M., 1850a, 313 (as syn. of Holostomum erraticum Dujardin).
asperum Diesing, K.M., 1838a, 189 (Tapirus americanus); 1839a, 236, pl. 20, figs. 14-16 (Tapirus americanus; South America [Matogrosso & Cachoeira do Bananeira]); 1850a, 402.--Braun, M.G.C.C., 1892a, 580; 1893a, 894, 905; 1893d, 466.--Cobbold, T. S., 1875n, 819; 1879b, 402; 1882a, 241, 242.--Dujardin, F., 1845a, 334.--Fischoeder, F., 1902a, 39 (as syn. of Cladorchis asper).--von Nordmann, A., 1840a, 629.--Sonsino, P., 1895n, 184.
attenuatum Diesing, K. M., 1836d, 238, 252, pl. 24, figs. 9-12 (Salmo paccu; intestine; Caicara); 1850a, 406-407 (Miletes bidens; intestine; Brazil).--Cobbold, T.S., 1860a, 54.--Dujardin, F., 1845a, 341.--MacCallum, W. G., 1905b, 668, 677.--von Nordmann, A., 1840a, 629.
bicaudatum Poirier, J., 1909a, 581-582, figs. 4-5 (African elephant; intestine; Archimbault).--Odhner, T., 1926a, 1 (syn.: Brumptia (Cladorchis) gigas MacCallum).--Stunkard, H. W., 1926d, 8; 1926e, 165-166; 1927d, 218; 1929d, 234.
bothriophoron Braun, M.G.C.C., 1892f, 49, 50, 51 (Bos indicus; Madagascar); 1893a, 738; 1893b, 185; 1893f, 383; 1901b, 20.--Fischoeder, F., 1903h, 538 (to

Paramphistomum). --Neveu - Lemaire, M., 1912a, 628. --Otto, H. R., 1896a, 88, 101-103, 120, 123, 124, 126, 127, 128, 129, 130, 133, 135, 137, 281, 282, 283, 284, 285, 286, 288, 291, 294, figs. 5, 27. --Sonsino, P., 1895n, 184. --Veglia, F., 1920a, 24 (bovine, Cervicapra fulvorufula; rumen; Cape Province).

bothriophorum Stiles, C. W., 1898a, 24, 67, fig. 56 (read bothriophoron).

brachycoelium Cohn, L., 1903a, 39 (lapsus) (host not given).

cervi (Schrank, 1790) Stiles, C. W., 1898a, 24, 64, 65, 66, 67, 139, 140, 141, 142, figs. 49-55 (Bos taurus). --Augustine, D. L., 1929a, 234. --Batt, H. E., 1927a, 36 (A. conicum) (cow). --Brashier, E. C., [1917a], 135. --Curasson, G. C. M., 1935a, 77-81. --Fischoeder, F., 1901a, 368 (type of Paramphistomum). --Gaiger, S. H., 1915a, 68 (ox; digestive apparatus; India). --López-Neyra, C. R., 1924a, 12, fig. 6. --Miyagawa, Y., 1912d, 24. --Neveu-Lemaire, M., 1912a, 628. --Stiles, C. W.; & Hassall, A., 1900a, 611, fig. 29; 1902f, 360; 1904c, 22. --Stirling, R. F., 1934a, 2 (bovines; Central Province & Berar, India). --Underhill, B. M., 1920a, 167. --Veglia, F., 1920a, 23-24 (bue; rumen, bovino; pharynx, Strepsiceros kudu, Cervicapra fulvorufula; rumen; Pecora merinos; rumen, Bos bubalis; small intestine; Transvaal, Sud-Africa.

cheloniae imbricatae Diesing, K. M., 1858e, 358 (based on Bellingham, 1844a, 340) (Chelonia imbricata; Ireland). --Braun, M. G. C. C., 1893a, 905. --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 40; 1942a, 119 (Eretmochelys imbricata; Ireland).

chordale Burckhardt, R., 1891a, 62-64 (Protopterus annectens); 1892a, 344-345 (a Tetracotyle, Holostomidae, teste Brandes).

clavatum Steenstrup, J., 1842a, 59 (Rana temporaria); 1842b, 109-110 [?lapsus for subclavatum]. --von Siebold, C. T. E., 1843g, lx.

clavigerum Zeder, J. G. H., 1803a, 199 (Festucaria strigis Schrank, 1788, renamed) (Strix). --Rudolphi, C. A., 1809a, 341 (as syn. of A. macrocephalum). --Sprehn, C. E. W., 1932c, 347 (as syn. of Strigea strigis (Schrank, 1788)).

collinsi Sonsino, P., 1895n, 182 (for collinsii), 187 to (Pseudodiscus).

collinsii Cobbold, T. S., 1875 l, 741 (Equus caballus); 1875n, 818, 819; 1879b, 357, 398; 1883x, 515. --Bhalerao, G. D., 1933j, 105, 106 (as syn. of Pseudodiscus collinsi (Cobbold, 1875)). --Brandt, E. K., 1888d, 269. --Duncan, J. T., 1891b, 82. --Fischoeder, F., 1902a, 48; 1903h, 489 (to Pseudodiscus by Sonsino). --Fukui, T., 1929b, 303. --Huber, J. C., 1896a, 580 (India). --Hutyra, F.; & Marek, J., 1906a, 393; 1910b, 493; 1913b, 492. --Otto, H. R., 1896a, 131. --Sonsino, P., 1895n, 182, fig. 2. --Sprehn, C. E. W., 1932c, 191. --Stiles, C. W.; & Goldberger, J., 1910a, 9, 171, 173, 174, 187, 188, 201. --Stiles, C. W.; & Hassall, A., 1894e, 248. --Theobald, F. V., 1900a, 51. --Velu, H.; & Barotte, J. H., 1924a, 304. --Woodridge, G. H., 1923b, 319.

collinsii var. stanleyi Cobbold, T. S., 1879b, 357 for stanleyii 1875 (Equus); 1882a, 239 (as syn. of A. hawkesii). --Bhalerao, G. D., 1933j, 105 (as syn. of Pseudodiscus collinsi (Cobbold, 1875)). --Fischoeder, F., 1902a, 48. --Piana, G. P.; & Stazzi, P., 1900a, 519 [=A. hawkesi Cobbold]. --Sonsino, P., 1895n, 182. --Sprehn, C. E. W., 1932c, 191. --Stazzi, P., 1900a, 452. --Stiles, C. W.; & Goldberger, J., 1910a, 171, 173, 201.

conicum (Zeder, 1803) Rudolphi, C. A., 1809a, 349-352, 356 (Bos taurus; Greifswald, Cervus elaphus); 1819a, 91 (Ovis aries, Cervus dama), 360, 577, 589, 793. --Anacker, H., 1892c, 94. --Baillet, C. C., 1866b, 90, 106. --Bancroft, T. L., 1893b, 328 (cattle; Brisbane, Dunwich, Deception Bay, Port Curtis district, Queensland). --Benham, W. B. S., 1901a, 64, fig. xi. --Bénion, A., 1874a, 628. --Bertolini, G., 1908d, 401-404 (Agro Romano & Sardegna). --Bettendorf, H., 1897a, 7, 38; 1897b, 311, 342. --Billet, A., 1898b, 287. --Blanchard, E., 1847a, 310-316; 1849g, 80 (toro [bull], oveja [sheep], ciervo [deer], gamo [fallow-deer]). --Blanchard, R. A. E., 1886i, 295; 1888a, 584, 585. --Blumberg, C., 1871a, 1-39, figs. 1-10 (anatomy); 1884a, 154 (cattle; Kasan); 1886a, 105. --Brandes, G. P. H., 1891d, 7, 12, 13, 14, 15, 18, 20; 1898a, 222. --Brandt, E. K., 1888d, 268, fig. 264. --Braun, M. G. C. C., 1892a, 576, 584, 587, 589, 591, 593, 595, 596, 597, 601, 603, 607, 608, 609, 613, 614, 615, 621, 622, 628, 632, 638, 640, 641, 642, 645, 646, 648, 654, 660, 661, 662, 664, 666, 667, 669, 671, 675, 676, 677, 681, 682, 683, 685, 688, 692, 693, 695, 703, 705, 711, 712, 713, 717, 718, 719, 724, 729, 730, 731, 733, 738, 739, 748, 762, 766; 1892f, 49, 50; 1893a, 874, 879, 881, 905; 1893b, 186; 1893d, 466; 1903a, 141; 1908a, 169; 1915a, 157. --Braun, M. G. C. C.; & Luehe, M. F. L., 1909a, 116, 129; 1910a, 128, 141 (=Paramphistomum cervi). --Brumpt, E. J. A., 1910a, 285; 1913a, 348; 1922a, 633; 1922f, 407; 1927e, 507. --Cleland, J. B., 1908a, 689 (spelled corricum). --Cobb, N. A., 1891b, 614-615, 1 fig. --Cobbold, T. S., 1858b, 159; 1860a, 51;

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1866b, 2(Cervus tarandus); 1873c, 13, 69, figs. 4, 5; 1874d, 8; 1875n, 818; 1879b, 331; 1884g, 976.--Conyngham, H. F., 1904d, 663.--Cort, W. W., 1915d, 470.--Creplin, F.C.H., 1837a, 311, 313, 315, 317, 321, 322, 323, 327; 1839a, 286; 1841a, 80, 1847c, 30.--Curtice, C., 1890c, 16, 138, pl. 17, figs. 7-10.--Dadai, J., 1906a, 572, 591; 1907b, 536, 556(as syn. of Paramphistomum cervi).--Daniels, C. W., 1910a, 17.--Darr, A., 1902a, 688.--Davaine, C. J., 1877a, 234, 235.--Davaine, C. J., in Grenet, A. L. Z., 1869a, 65(boeufs; estomac; Mayotte).--Dewitz, J:, 1892b, 117, fig. 80.--Diesing, K. M., 1836d, 238, 239, 240, 243, 244, 245, 246-248, pl. 23, figs. 1-4(Bos taurus domesticus, Ovis aries, Cervus elaphus, C. capreolus, C. dama, C. campestris, C. dichotomus, C. nambi, C. rufus, C. simplicicornis; Brazil); 1850a, 401(Bos taurus indicus; Antilope dorcas; Berlin, Bos taurus; Vilna, Capra hircus var., Cervus capreolus, C. alces)(syns.: Fasciola hepatica Mueller; F. cervi Schrank; F. elaphi Gmelin; Festucaris cervi Zeder; Monostoma conicum Zeder).--Disselhorst, R., 1921a, 44.--Dodd, S., 1909e, 103(cow; Queensland).--Drago, U., 1902b, 1, 4.--Dubois, G., 1929a, 138.--Dujardin, F., 1845a, 331, 332-333.--Edelmann, R. H., [1902b], 219.--Edmonds, C. R., 1922a, 357, 358.--Eichwald, E., 1829a, 248.--Fiebiger, J., 1912a, 160.--Fischer, P. M., 1883a, 20.--Fischer von Waldheim, G., 1840a, 157.--Fischoeder, F., 1901a, 368, 375; 1902a, 11(as syn. of Paramphistomum cervi), 13(as syn. of P. liorchis), 41, 50(as syn. of Balanorchis anastrophus); 1903h, 485 (Bos taurus; Koenigsberg i. Pr.), 504-504(as syn. of Paramphistomum cervi), 506, 508(of Diesing, 1835, 247 in Cervus dichotomus in Brazil as syn. of Balanorchis anastrophus)508(of Diesing, 1835, 247, in Cervus simplicicornis, C. campestris, C. mexicanus, C. rufus, C. dichotomus, C. namby in Brazil, as syn. of P. liorchis, 509(of Gurlt, 1831, 369, in Bos taurus indicus as syn. of Paramphistomum dicranocoelium), 515(of Diesing, 1835, 247, in South American Cervus simplicicornis, C. campestris, C. mexicanus, C. rufus, C. dichotomus, C. namby as syn. of Paramphistomum liorchis), 528(in Bos taurus indicus as syn. of Paramphistomum dicranocoelium), 535(in Antilope dorcas as syn. of P. microbothrium), 584(as syn. of Gastrothylax mancupatus); 1904a, 459.--Frohner, E., 1915a, 258.--Fuhrmann, O., 1928b, 39, fig. 47c.--Fulton, A., 1957a, 10(cattle; Liberia).--Galbusera, S., 1913a, 448 (bêtes bovines; Sardaigne).--Giard, A.; & Billet, A., 1892a, 615.--Giebel, C. G. A., 1857a, 266.--Gilruth, J. A., 1901a, 26.--Glage, F., 1908b, 71, 1 fig.(cattle; rumen).--von Gronkowski, C., 1902a, 511, 514, 515, 517-518, 519, 520, 523, 529-531, 532, 533, fig. A(4, 7, 8, 10-11, 12, 13, 16, 22-24, 25, 26, pl. 13, figs. 2, 6, 7).--Gurlt, E. F., 1831a, 156, 369-370, pl. 8, figs. 25-28.--Hutyra, F.; & Marek, J., 1906a, 380.--Janson [1], 1897a, 103.--Janson, J. L., 1893c, 261.--Jarvis, E. M., 1908a, 244-246(treatment).--Johnson, J. C., 1920a, 346.--Johnston, T. H., 1910b, xi(as syn. of Paramphistomum cervi).--Kathariner, L., 1895b, 131, 143.--Kerbert, C., 1881a, 548, 551.--Kholodkovskii, N. A., 1897b, 16.--Kitt, T., 1885a, 148.--Krabbe, H., [1881?a], 18, pl. 2, fig. 7.--Krefft, G., 1871a, 212(Ovis aries).--Krijgsman, B. J., 1933d, 370, 372(as syn. of Paramphistomum cervi).--de Lamarck, J. B. P. A. de M., 1816b, 189.--Lamouroux, J. V. F., 1822a, 297.--Lancaster, W. E., 1957a, 153.--Laurer, J. F., 1830a, 3, 4, figs. 1-14.--Leisering, A. G. T., [1860a], 33(red deer; rumen; Thiergarten zu Moritzburg).--Lejtenyi, K., 1881a, 3, 5, 6, 7, 8, 11, 16, 18, 20.--Leuckart, K. G. F. R., 1863a, 479, fig. 157; 1876a, 869.--Lichtenheld, G., 1910c, 93(cow; near Muaja on Lake Nyassa).--von Linstow, O. F. B., 1883a, 310.--Looss, A., 1885b, 6, 17; 1894a, 124, 142, 146, 206, 237; 1894d, 17, 22, 24; 1896b, 5, 23, 31, 32-33, 170, 173, 176, 178, 185-191, pl. 12, figs. 125-134 (syn.: Festucaria cervi)(Physa alexandrina, P. micropleura, buffles; Egypt); 1898a, 459; 1902m, 438, 444 (Cercaria pigmentata Sonsino), 638.--Macé, E., 1882a, 9, 30, 80, 81, 85.--Manson, (Sir) P., 1921a, 804; 1929a, 735, fig. 239.--Mathias, P., 1925a, 111, 114.--Mégnin, J. P., 1882v, 456.--Metaxà, L., 1817a, 118(Bos taurus, Ovis aries).--Mikačić, D., 1940b, 29(cattle; Yougoslavie).--Mingazzini, P., 1899a, 10 pp., figs. 1-5.--Miyamoto, T., [1928c], 677(as factor in bovine haematuria).--Mödlinger, G., 1925a, 170, 172, 175.--Moulinié, J. J., 1856a, 18.--Muehling, P., 1898b, 20.--Näsmark, K. -E. J., [1937a], 450(A. conicum of Looss, 1896 as syn. of Paramphistomum microbothrium Fischoeder, 1901).--Nakayama, H., 1912b, 14.--Neumann, L. G., 1888a, 336, fig. 124; 1892, 353, fig. 140; 1892, 363, fig. 140.--Neumann, R. O.; & Mayer, M., 1914a, 535.--Neveu-Lemaire, M., 1912a, 628; 1921e, 223.--Nitzsch, C. L., 1819a, 398 (syn.: Monostoma conicum Zeder).--von Nordmann, A., 1832a, 38, 92, 93, 97;

1833b, 281, 283, 308; 1840a, 547, 627 (syn.: Fasciola elaphi Gmelin; Monostoma conicum Zeder). --Odhner, T., 1911d, 216. --v. Olfers, 1838a, 33 (aurochs; intestine). --von Olfers, I. F. M., 1816a, 47. --Orr, W., 1938b, 95. --von Ostertag, R., 1899a, 411, 412; 1919b, 281, 398, fig. 104. --Otto, H. R., 1896a, 86, 87, 89, 97-101, 102, 106, 118, 119, 120, 121, 123, 124, 125, 126, 127, 128, 129, 130, 132, 133, 134, 135, 136, 137, 275, 278, 281, 282, 283, 285, 286, 287, 288, 289, 292, 294, figs. 4, 10, 13, 19, 22, 23, 26. --Owen, (Sir) R., 1835g, 383. --Perrier, E., 1897a, 1769, 1770, 1774, 1775, 1776, 1777, 1778, 1779, 1782, 1784, 1785, 1787, 1808 (ruminants; estomac). --Poirier, J., 1885b, 1, 3, 101, 102. --Railliet, A., 1885a, 301, fig. 195; 1890w, 143; 1892k, 633; 1893a, 376-377 (synonymy) fig. 249. --Railliet, A.; & Gomy, 1899a, 348, 349. --Rudolphi, C. A., 1809a, 349-352 (Bos). --Saint-Loup, R., [1895a], 155 (boeuf, cerf; intestin). --Schellhase, W., 1911b, 180-181 (koba, hartebeest, cattle, goats; Deutsch-Ostsfrika). --Schmalz, E., 1831a, 24. --Schneider, A. F., 1866a, pl. 28, fig. 4. --Sewell, R. B. S., 1922a, 322. --von Siebold, C. T. E., 1835a, 56, 57, 58, 59, 62, 65. --Slawikowski, A., [1819b], 52. --Sonsino, P., 1895n, 181, 184, 185; 1896a, 314; 1897a, 252. --Sprehn, C. E. W., 1932c, 187. --Stafford, J., 1905a, 693. --Stiles, C. W., 1898a, 64. --Stiles, C. W.; & Goldberger, J., 1910a, 64, 214. --Stiles, C. W.; & Hassall, A., 1894e, 248 (Ovis aries). --Sturgess, G. W., [1904a], N16 (cattle; rumen, buffaloes [Bubalus]; Ceylon). --Taschenberg, O., 1878a, 176. --Thoss, E., 1897a, 4, 15. --Tissié; & Rakoto, 1925a, 127 (cattle; Madagascar). --Trollip, A., 1893a, 424-425 (ox). --Tryon, H., 1915a, 83 (cattle; Brisbane). --Verrill, A. E., 1870c, 176, 177, 220. --Villot, F.-C.-A., 1878a, 16. --Volz, W., 1899d, 232. --Walter, E.[2], 1893a, 19, 22, 23, 24. --Ward, H. B., 1895a, 256, 332, 335, 338 (syn.: Festucaria cervi Zeder; Fasciola elaphi Gmelin; Monostoma conicum Zeder) (Bos taurus, Ovis aries, Equus caballus). --Weinberg, M.; & Romanovich, M. I., 1909a, 4-9, figs. 1-5 (cattle; Tunis). --Weissenborn, W., 1838a, 305-314 (Bos urus; rumen). --Westrumb, A. H. L., 1823a, 396, 397. --Wooldridge, G. H., 1923b, 315. --Zeitschrift für Fleisch- und Milchhygiene, July, 1894, 200. --Ziegler, H. E., 1883b, 546. --Zuern, F. A., 1882a, 220, 221, pl. 4, fig. 10.

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cornu (Nitzsch, 1819) Rudolphi, C. A., 1819a, 89-90, 357, 793 [nec (Zeder, 1800) Rudolphi, 1809] (Ardea cinerea, A. garzetta; Europe). --Baird, W., 1853a, 47. --Bellingham, O'B., 1844a, 339. --Diesing, K. M., 1850a, 315 (to Holostomum); 1858e, 321. --Stossich, M., (1898c), 22 (to Holostomum). --Westrumb, A. H. L., 1823a, 394-395.

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intestine; Philadelphia).--Stedman, J. M., 1889a, 85-101, pls. 1-2.--Stiles, C.W.; & Hassall, A., 1894e, 248(Manatus latirostris; Florida).
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macrocephalum Rudolphi, C. A., 1819a, 88 (pars; Falconis milvi). --Baird, W., 1853a, 48. --Bremser, J. G., 1824a, pl. 8, figs. 17, 20. --Diesing, K. M., 1850a, 309 (as syn. of Hemistomum spathula). --von Linstow, O. F. B., 1905bb, 191. --von Nordmann, A., 1840a, 626(as syn. of A. striatum). --Sprehn, C. E. W., 1932c, 345(as syn. of Neodiplostomum spathula (Creplin, 1825)).

malleolus Looss in Näsmark, K.-E. J., [1937a], 455(as syn. of Paramphistomum ichikawai Fukui, 1922, "no description published by Looss, known only from vial").

megacotyle Diesing, K. M., 1836d, 238, 250, pl. 23, figs. 19-20(Silurus palmito; Matogrosso); 1850a, 405 (Trachicirrhus nattereri, Brazil). --Braun, M. G. C. C., 1893a, 905. --Dadai, J., 1907b, 482 (as syn. of Microrchis megacotyle (Diesing). --Dujardin, F., 1845a, 340. --MacCallum, W. G., 1905b, 668. --von Nordmann, A., 1840a, 629. --Stunkard, H. W., 1925c, 145. --Vaz, Z., 1932a, 8, 17 (as syn. of Microrchis megacotyle(Diesing, 1836) Stunkard, 1925).

microcephalum Rudolphi, C. A., 1819a, 88, lapsus for A. microstomum Rudolphi.

microstomum Rudolphi, C. A., 1809a, 342-343(Corvus caryocatactes; Europe); 1819a, 88, 793. --Diesing, K. M., 1850a, 314(to Holostomum). --Dujardin, F., 1845a, 371(to Holostomum)(Greifswald). --Lamouroux, J. V. F., 1822a, 297. --von Olfers, I. F. M., 1816a, 47. --Westrumb, A. H. L., 1823a, 393.

mutabile (Zeder, 1800) von Siebold, C. T. E., 1835a, 70, lapsus for Monostoma mutabile.

nattereri Cobbold, T. S., 1860a, 52; cornu Diesing, 1839a[not (Zeder, 1800) Rudolphi, 1809], renamed (t. h. Callichthys vacu; Brazil).

oidemiae nigrae Diesing, K. M., 1858e, 322 (as syn. of Holostomum anatis nigrae), based on Bellingham, 1844a, 340; Ireland).

ornatum Cobbold, T. S., 1882a, 240, fig. 9 (Elephas indicus). --Bhalerao, G. D., 1933j, 108(as syn. of Pseudodiscus hawkesi (Cobbold, 1875)). --Bittner, H.; & Sprehn, C. E. W., 1928a, 43. --Braun, M. G. C. C., 1893a, 882, 905. --Fischoeder, F., 1902a, 49(Elephas indicus; India). Fukui, T., 1927a, 322(as syn. of Watsonius hawkesii (Cobbold, 1875) Fukui [n. comb.]); 1929b, 303. --Leiper, R. T., 1909f, 39 (Cladorchinae); 1913g, 295. --Looss, A., 1902m, 439. --Mégnin, J. P., 1882v, 454-456 (elephant). --Neveu-Lemaire, M., 1912a, 631. --Sonsino, P., 1895n, 183. --Stazzi, P., 1900a, 453. --Stiles, C. W.; & Goldberger, J., 1910a, 171, 201.

oxycephalum Diesing, K. M., 1836d, 238,

240, 251, pl. 24, figs. 1-8 (Salmo auratus, S. pacu, Silurus megacephalus; Cuyaba, Salmo pacupeba; Rio Parana & Rio Araguay); 1850a, 407. --Braun, M. G. C. C., 1892a, 586; 1893a, 905. --Dadai, J., 1907b, 482, 495, 501, 506, 511, 512, 520. --Dujardin, F., 1845a, 339-340. --MacCallum, W. G., 1905b, 668, 672. --von Nordmann, A., 1840a, 629. --Stunkard, H. W., 1917a, 61; 1925c, 145. --Travassos, L. P., 1921d, 357; [1922a], 153; 1931c, 148. --Vaz, Z., 1932a, 8, 9, 10, 14, 16, 26, 39 (as syn. of Dadayatrema oxycephala Diesing, 1836).

papillatum Cobbold, T. S., 1882a, 240-242, fig. 10, pl. 24, fig. 11 (Elephas indicus). --Braun, M. G. C. C., 1892a, 580, 663; 1893a, 874, 905; 1893d, 466. --Fischoeder, F., 1902a, 49 (Elephas indicus; India). --Fukui, T., 1929b, 303. --Maplestone, P. A., 1923b, 201. --Näsmark, K. -E. J., [1937a], 311, 337, 388, fig. 20. --Neveu-Lemaire, M., 1912a, 631. --Sonsino, P., 1895n, 184, 187, figs. 4-5. --Stazzi, P., 1900a, 453. --Stiles, C. W.; & Goldberger, J., 1910a, 201, 232, 233, 234. --Stiles, C. W.; & Hassall, A., 1894e, 248.

papilliferum Braun, M. G. C. C., 1892a, 586, for A. papillatum Cobbold.

pileatum (Rudolphi, 1802) Rudolphi, C. A., 1819a, 90, 358, 793. --de Blainville, M. H. D., 1828a, 584 (to Holostomum). --Diesing, K. M., 1850a, 314 (to Holostomum). --Lamouroux, J. V. F., 1822a, 297. --Szidat, L., 1929b, 758. --Westrumb, A. H. L., 1823a, 395.

pileatum Rudolphi, of Bremser, J. F., 1824a, pl. 8, figs. 28-29. --Diesing, K. M., 1850a, 311 (as syn. of Hemistomum commutatum). --Dubois, G., 1937c, 393 (nec Rudolphi, 1802; as syn. of Diplostomum commutatum (Diesing, 1850)).

piriforme Sonsino, P., 1895n, 184, for pyriforme.

platycephalum Creplin, F. C. H., 1825a, 39-41, 81-82 (Colymbus rufogularis; Greifswald); 1846a, 138, 139, 140, 141. --Diesing, K. M., 1850a, 313 (to Holostomum). --Dujardin, F., 1845a, 376 (to Holostomum). --Sprehn, C. E. W., 1932c, 351 (as syn. of Cotylurus platycephalus (Creplin, 1825). --Szidat, L., 1929a, 614.

pulcherrima Weyenbergh, G. H., [1876a], 167-169, pl. 9, figs. 75-78 (Hypostomus plecostomus; Argentina); 1878a, 31-38; 1878b, 354 (to Distoma). --Looss, A., 1885b, 55.

pyriforme Diesing, K. M., 1838a, 189 (Tapirus americanus); 1839a, 236, pl. 20, figs. 17-18 (Tapirus americanus; Brazil); 1850a, 403. --Braun, M. G. C. C., 1893a, 874, 905; 1893d, 466. --Cobbold, T. S., 1875n, 819; 1879b, 402; 1882a, 241. --Dujardin, F., 1845a, 334. --Fischoeder, F., 1902a, 36 (to Cladorchis). --von Nordmann, A., 1840a, 629. --Sonsino, P., 1895n, 184 (piriforme). --Weyenbergh, G. H., [1876], 167-169.

raja Looss in Näsmark, K. -E. J., [1937a], 497 [name never published; from label on vial] (as syn. of Calicophoron raja n. sp).

rhopaloides Creplin, F. C. H., 1839a, 294; 1846b, 168 ("falsch geschrieben ropaloides" Leblond). --Baird, W., 1853a, 116 (as syn. of Tetrabothriorhynchus barbatus). --Diesing, K. M., 1850a, 574 (as syn. of Tetrabothriorhynchus migratorius) (Conger vulgaris) (includes Leblond, C., 1836e, 290, pl. 16, figs. 1-3; 1837d, 251. --Deslongchamps, E. E., 1837a, 249. --Dujardin, F., 1845a, 341. --de Lacaze-Duthiers, F. J. H., 1854a, 294. --von Siebold, C. T. E., 1837b, 265; 1838b, 306.

ropaloides Leblond, C., 1836e, 290, pl. 16, figs. 1-3 (Muraena conger; coast of Normandy); 1836f, 4, pl. 16, figs. 1-3. --Creplin, F. C. H., 1839a, 294. --Deslongchamps, E. E., 1837a, 249. --Dujardin, F., 1845a, 341. --Molin, R., 1861c, 243 (as syn. of Tetrabothriorhynchus migratorius Diesing). --Olsson, P., 1866-67a, 19, 48. --von Siebold, C. T. E., 1837a, 265; 1838b, 306. --Vaullegeard, A., 1899a, in 187-376. --Zschokke, F., 1884a, 37.

scleroporum Rudolphi, of Brandes, G. P. H., 1891d, 19 (for Creplin).

scleroporum Creplin, F. C. H., 1844a, 112-115, pl. 3, figs. A (Chelonia mydas); 1846a, 146. --Braun, M. G. C. C., 1893a, 905; 1899b, 715, 725 (Chelone viridis, C. mydas); 1901a, 39, 40, 55, 56, 1 fig. --Diesing, K. M., 1850a, 406 (Halichelys atra; Vratislaviae). --Johnston, T. H., 1916a, 57 (Chelonia mydas; Queensland). --Looss, A., 1901 l, 623, 624; 1902m, 430, 437, 438, 440, 562; 1912c, 344, 345, 346, 348, 351. --Monticelli, F. S., 1896a, 165. --Stunkard, H. W., 1917a, 341, 342, 343. --Walter, E^2, 1892a, 248; 1893a, 5, 6, 9 (Chelone viridis).

serpens (Nitzsch, 1819) Rudolphi, C. A., 1819a, 88, 353-354, 793 (Falco haliaëtus). --Diesing, K. M., 1850a, 316 (to Holostomum). --Dujardin, F., 1845a, 371 (to Holostomum) (Halle). --Lamouroux, J. V. F., 1822a, 297. --von Nordmann, A., 1840a, 628 (to Holostomum). --Sandground, J. H., 1934b, 279 (as syn. of Nematostrigea serpens (Nitzsch, 1819) n. comb.). --Sprehn, C. E. W., 1932c, 351 (as syn. of Holostomum serpens Nitzsch, 1819). --Westrumb, A. H. L., 1823a, 392.

sonsinoii (Cobbold, 1877) von Linstow, O. F. B., 1889a, 23 (spelled sonsinoi) (Equus

caballus). --Ward, H. B., 1895a, 338 (syn. of Gastrodiscus aegyptiacus).
sphaerocephalum Westrumb, A. H. L., 1823a, 396 (Coracias jugularis; Rio Janeiro). --Brandes, G. P. H., 1888a, 65 (to Holostomum); 1890a, 592. --Diesing, K. M., 1850a, 314 (to Holostomum) (Coracina scutata; Brazil). --Dubois, G., 1938a, 146 (as syn. of Strigea sphaerocephala (Westrumb, 1823, nec Brandes, 1888) Dubois, 1937). --Szidat, L., 1928d, 205, 211 (as syn. of Strigea unciformis Rudolphi); 1929b, 760.
sphaerula Rudolphi, C. A., 1803a, 23-24 (Corvus cornix; Greifswald); 1809a, 345-346; 1819a, 90, 358. --Bellingham, O'B., 1844a, 339. --Diesing, K. M., 1850a, 314 (to Holostomum). --Dujardin, F., 1845a, 371 (to Holostomum). --Lamouroux, J. V. F., 1822a, 297. --Markowski, S., 1933c, 16 (as syn. of Strigea sphaerula (Rudolphi, 1803). --von Olfers, I. F. M., 1816a, 47. --Sprehn, C. E. W., 1932c, 348 (as syn. of Strigea sphaerula (Rudolphi, 1802)). --Westrumb, A. H. L., 1823a, 395.
spinulosum Looss, A., 1901 1, Nov. 7, 623-624 (Chelone mydas; Alexandria, from Egyptian coast); 1902m, 415, 430-444, pl. 21, figs. 10-11, pl. 22, figs. 12-16, 430, 434, 436, 437, 438, 439, 442, 649, 676, 869, 871 (Chelone mydas; colon); 1912c, 346, 347, 348, 351. --Fukui, T., 1929b, 237, 301, 305, 308. --Odhner, T., 1911e, 182, 183, 184, 185. --Shipley, (Sir) A. E., (1905m), 846. --Stunkard, H. W., 1917a, 341, 342, 343. --Willey, C. H., 1930e, 5, 6, 10, 11; 1933a, 246 (turtle).
stanleyi (Cobbold, 1879) Ward, H. B., 1895a, 338 (for stanleyii Cobbold) (Equus caballus). --Bhalerao, G. D., 1933j, 105, 106 (as syn. of Pseudodiscus collinsi (Cobbold, 1875)). --Stiles, C. W.; & Goldberger, J., 1910a, 173, 189.
stanleyii Cobbold, T. S., 1875n, 819. --Bhalerao, G. D., 1933j, 105 (as syn. of Pseudodiscus collinsi (Cobbold, 1875)). --Fischoeder, F., 1902a, 48 (Equus caballus; India). --Fukui, T., 1929b, 303. --Sprehn, C. E. W., 1932c, 191 (as syn. of Pseudodiscus collinsii (Cobbold, 1875)). --Stiles, C. W.; & Goldberger, J., 1910a, 9, 171, 173, 174. --Stiles, C. W.; & Hassall, A., 1894e, 248.
striatum Rudolphi, C. A., 1809a, 343 (Falco milvus; Europe); 1819a, 88, 793 (as syn. of A. macrocephalum). --Baird, W., 1853a, 47 (as syn. of Holostomum). --Diesing, K. M., 1850a, 309 (as syn. of Hemistomum spathula). --de Lamarck, J. B. P. A. de M. (Chevalier), 1816a, 188. --von Nordmann, A., 1840a, 626. --von Olfers, I. F. M., 1816a, 47. --Sprehn, C. E. W., 1932c, 345 (as syn. of Neodiplostomum spathula (Creplin, 1825). --Szidat, L., 1928d, 206, 209; 1929b, 755.
subclavatum (Goeze, 1782) Rudolphi, C. A., 1802b, 92-93; 1809a, 348-349 (Rana temporaria, R. bufo, R. arborea, R. esculenta); 1819a, 90-91, 358-359, 589, 793 (Bufo igneus, B. cinereus). --Baillet, C. C., 1866b, 96 (of Nitzsch). --van Beneden, P. J., 1858a, 1861a, 81-84, 171, 203, 215 (syn.: Planaria subclavata, Distomum subclavatum, Diplodiscus subclavatus, Diplodiscus diesingii, Diplocotyle mutabile). --Benham, W. B. S., 1901a, 65, 77 (frogs, Planorbis). --Bettendorf, H., 1897a, 8, 37; 1897b, 312. --de Blainville, M. H. D., 1828a, 583. --Blanchard, E., 1847a, 316-317, pl. 14, fig. 1. --Blumberg, C., 1871a, 19, 25, 34, 38. --Brandes, G. P. H., 1891d, 17. --Braun, M. G. C. C., 1892a, 592, 798; 1893a, 845, 848, 851, 852, 854, 858, 864, 869, 874, 879; 1893b, 177, 179, 180, 182; 1895b, 11. --Bravo Hollis, M., 1941a, 129, 132-133. Bremser, J. G., 1824a, 133; 1824c, pl. 8, figs. 30-31. --Bugge, G., 1902a, 216, 218. --Caullery, M., 1922a, 172. --Cobbold, T. S., 1872b, 91 (to Diplodiscus); 1872c, 748; 1879b, 49, 452, 454. --Creplin, F. C. H., 1839a, 286. --Creutzburg, N., 1890a, 21. --Dadai, J., 1906a, 578, 580; 1907b, 543, 544. --Darr, A., 1902a, 678, 688. --Diesing, K. M., 1836d, 237, 238, 240, 253 (to Diplodiscus); 1850a, 318 (Dendrohyas viridis, Rana temporaria, Pelophylax esculentus, Phryne vulgaris, Bufo viridis, Bombinator igneus, Leptodactylus sibilatrix); 1858e, 360; 1859c, 435. --Dubois, G., 1929a, 138. --Dujardin, F., 1845a, 336, 339 (Rana esculenta; Rennes). --Ercolani, G. B., 1881e, 57, pl. 2, fig. 9 (embryo); 1882a, 293. --Faust, E. C., 1918c, 49, 55, 91. --de Filippi, F., 1837a, 338 (syn.: Diplodiscus subclavatus); 1854a, 6; 1855b, 13-17, pl. 2, figs. 14-16 (Planorbis vortex; Moncalier); 1857c, 32. --Fischoeder, F., 1903h, 487 (to Diplodiscus by Diesing). --Fraipont, J., 1880c, 419. --Gervais, P.; & van Beneden, P. J., 1859b, 212. --Glaesner, L., 1910a, 365-372. --Grobbelaar, C. S., 1922a, 189. --von Gronkowskii, C., 1902a, 515. --Hoyle, W. E., 1888a, 539. --Ijima, I., 1884c, 638. --Janicki, C., 1907a, 696. --Jegen, G., 1917a, 523. --Johnson, J. C., 1920a, 340, 346, 360. --Kitt, T., 1885a, 148. --Knoch, K., 1894a, 10. --de Lamarck, J. B. P. A. de M. (Chevalier), 1816b, 189. --Lamouroux, J. V. F., 1822a, 297 (amphistome). --Lang, A., 1892a, 81-89, 1 fig. (Cercaria) (syn. Diplodiscus subclavatus Diesing). --Lejtenyi, K., 1881a, 5, 8, 10, 18, 20. --Leuckart, K. G. F. R., 1863a, 82, 488, 491; 1879b, 107; 1886d, 80. --Levinsen, G. M.

R., 1881a, 63, 69.--Looss, A., 1885a, 411; 1892b, 147-167, 1 fig., pls. 19-20 in text (development); 1894a, 8, 85, 117, 133, 136, 137, 142, 146, 150, 169, 178, 206, 227, 234, 237, 248; 1894d, 17, 21, 22; 1896b, 17, 31, 138, 171, 172, 178, 179, 180, 181, 182, 183, 188, 189, 190; 1901d, 441; 1902m, 438, 444 (Cercaria diplocotylea).--Macé, E., 1880a, 66, 69-71, 83, 88, pl. 1, fig. 1 (batraciens, urodèles, anoures, grenouilles); (1882c), 12.--Monticelli, F. S., 1888a, 39, 49, 50, 73, 78; (1891i), 117; 1893i, 68, 160, 205.--Moulinié, J. J., 1856a, 18, 20 (eye of Cercaria), 47 (embryo), 50, 125 (eye of Cercaria), 208-211, pl. 6, fig. 10 (Cercaria=Diplodiscus diesingii), 212 (Planorbis vortex).--Nitzsch, C. L., 1819a, 398-399 (syn.: Planaria subclavata Goeze).--von Nordmann, A., 1840a, 627 (syn.: Planaria subclavata, Fasciolaria ranae Gmelin, Diplodiscus subclavatus Diesing).--Odening, K., 1957b, 292, 296, 301, fig. 2 (non Fasciola subclavata Pallas 1760; as syn. of Diplodiscus subclavatus subclavatus (Goeze 1782)).--von Olfers, I. F. M., 1816a, 45, 48.--Olsson, P., 1866-67a, 9, 10, 11, 12, 14 (Triton punctatus).--Otto, H. R., 1896a, 106, 118, 278.--Pagenstecher, H. A., 1857a, 25, 26, 49-50, 52, pl. 6, figs. 5-6 (brown frogs).--Perrier, E., 1897a, 1801, 1803 (syn.: Diplodiscus diesingi, Redia gracilis) (batraciens, Planorbis nitidus, P. vortex).--Poirier, J., 1885b, 102.--Prokopič, J., 1960a, 154, 157 (as syn. of Diplodiscus subclavatus (Goeze 1782)).--Railliet, A., 1885a, 282, fig. 176.--Risso, A., 1826a, 262.--Rossbach, E. J. A., 1906a, 368, 369, 375, 392, 394, 402, 405, 408, 413, 414, 423, 429, 431.--Saint-Loup, R., [1895a], 155 (Rana esculenta, R. temporaria, Bufo cinereus, Hyla arborea; intestine).--Sewell, R. B. S., 1922a, 322, 329.--von Siebold, C. T. E., 1835a, 56, 57, 67, 70.--Sinitsin, D. F., 1904a, 768, figs. a, b; 1906a, 684; 1911a, 65, 67, 72, figs. 7, 10.--Slawikowski, A., [1819b], 49.--Sonsino, P., 1884h, 59, 60, 61; 1893b, 187 (subelavatum), 188, 189 (Rana temporaria, R. esculenta, Triton cristatus).--Stephens, J. W. W., 1906a, 10.--Stiles, C. W.; & Hassall, A., 1894e, 248, (Rana clamitans, R. catesbiana).--Stunkard, H. W., 1917a, 340.--Tennent, D. H., 1906a, 650.--Thoss, E., 1897a, 15.--Timofeev, N. E., 1899a, 8-9, 26, 27, 29 (Triton taeniatus, Rana esculenta R. arvalis, Bombinator igneus, Bufo vulgaris; Kharkov), 1900a, 144-145, 162, 163, 165.--Villot, F.-C.-A., 1878a, 6.--Wagener, G. R., 1857a, 26, 27.--Walter, E. [2], 1893a, 19, 23, 33, 35.--Walter, G., 1858b, 269-297, pls. 11-13.--Walter, H., 1866a, 64-65.--Westrumb, A. H. L., 1823a, 396.--Wolf, H. T., 1908a, 147 (frog, tadpole).--Woodhead, A. E., 1929b, 263.--Wunder, W., 1923a, 224; 1924a, 307.--Zeder, J. G. H., 1803a, 198, pl. 3, fig. 3.--Zhadin, V. I., 1921a, 66, 67.

subclavatum Rudolphi, of Stafford, J., 1900a, 405, 412 ("rectum of frogs, chiefly of the small grass frogs; "Canada); 1905a, 689-690, renamed Diplodiscus temperatus (Rana virescens, R. catesbiana; Canada).--Looss, A., 1885a, 411.

subelavatum Sonsino, P., 1893b, 187, for subclavatum.

subtriquetrum Rudolphi, C. A., 1814a, 100 (Castor fiber; Berlin); 1819a, 91-92, 360-361, 577, 589, 793.--Barker, F. D., 1916b, 183 (=Cladorchis (Stichorchis) subtriquetrus) (American muskrat).--de Blainville, M. H. D., 1828a, 583.--Blumberg, C., 1871a, 38.--Bojanus, L. H., 1821a, 164, pl. 2, figs. 5-12.--Braun, M. G. C. C., 1892a, 578, 601, 608, 680, 681, 694, 746; 1893a, 905.--Bremser, J. G., 1824c, pl. 8, figs. 32-33.--Civinini, F., 1842a, in 1-131.--Cobbold, T. S., 1866b, 2; 1879b, 317.--Creplin, F. C. H., 1837a, 313, 323; 1841a, 80.--Diesing, K. M., 1836d, 238, 244, 245, 246, 248-249, pl. 23, figs. 7-9 (syn.: Distoma amphistomoides); 1850a, 402.--Duff, D., 1914a, 87-98, 5 pls., figs. 1-15 (Castor canadensis).--Dujardin, F., 1845a, 331-332.--Eichwald, E., 1829a, 249.--Fischer von Waldheim, G., 1840a, 157.--Fischoeder, F., 1901a, 373; 1902a, 41, 42 (to Cladorchis (Stichorchis)); 1903h, 506, 507.--Küchenmeister, F. G. H., 1855, 192.--Lamouroux, J. V. F., 1822a, 297.--Leidy, J., 1888e, 126 (muskrat; small intestine).--Leuckart, K. G. F. R., 1863a, 460.--Macé, E., (1882c), 9.--Molin, R., 1859f, 849.--Mönnig, H. O., 1922a, 22.--Nitzsch, C. L., 1819a, 398, 399.--von Nordmann, A., 1840a, 547.--von Olfers, I. F. M., 1816a, 47.--Otto, H. R., 1896a, 105-108, 118, 120, 123, 124, 125, 126, 127, 128, 129, 134, 135, 137, 278, 282, 284, 285, 288, 289, 295, figs. 8, 29.--Saint-Loup, R., [1895a], 154 (Castor fiber; intestine).--Schmalz, E., 1831, 24, 27.--Schmidt, M., 1875a, 46.--von Siebold, C. T. E., 1835a, 64, 65.--Slawikowski, A., [1819b], 52.--Sonsino, P., 1895n, 184, 187, fig. 7.--Stunkard, H. W., 1917a, 343.--Ward, H. B., 1918a, 386.--Westrumb, A. H. L., 1823a, 397.

subtriquetrum giganteum Küchenmeister, G. F. H., 1855, 192.

sylviae Rudolphi, C. A., 1819a, 675, 793 (Sylvia cyanea; Brazil).--Diesing, K. M., 1836d, 253.--Westrumb, A. H. L., 1823a, 398.

tadornae Rudolphi, C. A., 1819a, 89, 793 (for A. anatis tadornae & as syn. of A. isostomum).
tanagrae Rudolphi, C.A., 1819a, 674-675, 793 (Tanagra tatoa; Brazil).--Diesing, K.M., 1836d, 253.--Dujardin, F., 1845a, 335.--Westrumb, A.H.L., 1823a, 397.
tenuicolle Westrumb, A.H.L., 1823a, 391-392, pl. 5, fig. 2 (Falco rufus).--Diesing, K.M., 1850a, 316 (to Holostomum); Mus. Cat. Vien.--Sprehn, C. E. W., 1932c, 348 (as syn. of Holostomum tenuicolle (Westrumb, 1823)).
truncatum Rudolphi, C.A., 1819a, 91, 359-360, 793 (Phoca vitulina; Berlin & Vratislaviae).--Anacker, H., 1888b, 314; 1892c, 94.--Baillet, C. C., 1866b, 105 (as syn. of Distoma conus).--Braun, M. G.C.C., 1892a, 578, 586; 1893a, 875, 905; 1893d, 467 (Phoca sp.); 1893e, 348, 349, 350; 1893f, 382, 383, 384, 385, 386, 389, 424, fig. 1; 1893g, 802 (as syn. of Distoma conus Creplin); 1915a, 195.--Brumpt, E. J.A., 1910a, 272; 1913a, 334.--Cobbold, T.S., 1873c, 126; 1875n, 819; 1879b, 307, 313.--Creplin, F. C. H., 1839a, 286.--Davaine, C.J., 1877a, lxxx.--Diesing, K. M., 1836d, 238, 252, pl. 24, figs. 13-15; 1850a, 404; 1858e, 350, 358 (as syn. of Distoma conus) (Phoca groenlandica).--Dujardin, F., 1845a, 331.--Fiebiger, J., 1912a, 157.--Hutÿra, F.; & Marek, J., 1913b, 584.--de Jong, D.A., 1896a, 3, 4, 5.--Lamouroux, J.V.F., 1822a, 297.--von Linstow, O.F.B., 1878a, 44.--Molin, R., 1859f, 849 (Felis catus).--Monticelli, F. S., 1889o, 321.--Olt, A.; & Ströse, A., 1914a, 259.--Price, E. W., 1932h, 32 (as syn. of Pseudamphistomum truncatum (Rudolphi, 1819) Lühe, 1908).--Railliet, A., 1898b, 172 (as syn. of Campula conus (Creplin)).--Riley, W. A., 1921a, 90 (as syn. of Pseudamphistomum truncatum).--Saint-Loup, R., [1895a], 154 (phoque; intestin).--Sprehn, C.E.W., 1932c, 237 (as syn. of Pseudamphistomum truncatum (Rudolphi, 1819)).--Verrill, A.E., 1870c, 175, 220, --Ward, H.B., 1895a, 341 (Canis familiaris).--Westrumb, A. H. L., 1823a, 397.--Zuern, F.A., 1882a, 223.
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vallei (Stossich, 1899) Looss, A., 1902m, [418], 430 (to Lophotaspis), 890; the reference on p. 890 (index) is apparently a lapsus for A. spinulosum.
variegatum Creplin, F.C.H., 1825a, 38-39, figs. 4-6 (Larus marinus; Greifswald); 1846a, 139, 140, 146.--Diesing, K. M., 1850a, 315 (to Holostomum).--Dubois, G., 1937c, 392 (as syn. of Cotylurus pileatus (Rudolphi, 1802)).--Dujardin, F., 1845a, 376.--Sprehn, C. E. W., 1932c, 351 (as syn. of Cotylurus variegatus (Creplin, 1825)).--Szidat, L., 1929a, 614.
watsoni Conyngham, H. F., 1904b, Aug. 13, 464; 1904c, Aug. 15, 252; 1904a, Aug. 27, 355; 1904d, Sept. 17, 663, figs. 1-2 (Homo; Africa).--Braun, M. G. C. C., 1908a, 175; 1915a, 205.--Brumpt, E. J. A., 1910a, 284; 1913a, 347.--Castellani, (Sir) A.; & Chalmers, A.J., 1910a, 353; 1913a, 463; 1919a, 562.--Daniels, C. W.; & Stanton, A. T., 1907a, 331, 343, 344

(Cladorchis watsoni).--Lane, C.; & Low, G.C., 1923f, 1815 (as syn. of Watsonius watsoni (Conyngham, 1904)).--Leiper, R.T., 1913g, 295 (as syn. of Watsonius watsoni).--Manson, (Sir) P., 1908h, 694; 1914a, 822; 1921a, 803 (as syn. of Watsonius watsoni).--Neumann, R.O.; & Mayer, M., 1914a, 534.--Neveu-Lemaire, M., 1908a, 397.--Sambon, L.W., 1908f, 33.--Shipley, (Sir) A.E., 1905d, 8 (as syn. of Cladorchis watsoni) (original patient in Zola (Nigeria) came from Adamawa, German West Africa).--Sluiter, C.P.; & Swellengrebel, N.H., 1912a, 182.--Sprehn, C.E.W., 1932c, 192 (as syn. of Watsonius watsoni (Conyngham, 1904)).--Stiles, C.W.; & Goldberger, J., 1910a, 212, 213, 214, 217, 218.

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AMPHISTOMIASIS, sheep & goats, Malkani, P.G., 1954a, C74 (goats, Ceylon).--Minett, F.C., 1955, 12 (sheep in Mukteswar & Izatnagar).--India. Imperial Council of Agricultural Research, 1940b, 193 (sheep & goats in India).--Krishna Iyer, P.R., 1949a, 87 (sheep in India).--Sarwar, M.M., [1952b], 137 (effect of hexachloroethane).--Shirlaw, J.F., 1955a, 12-13 (sheep in Mukteswar & Iznatnagar).

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1895: Amfistomidi Sonsino, P., 1895.

AMPHISTOMINAE Monticelli, F.S., 1892a, Oct. 7, 214 (subfam. of Amphistomidae).--Braun, M.G.C.C., 1893a, 890.--Looss, A., 1899b, 541, 543.--Not Amphistominae, subfam. of Gromidae (Protozoa), see Calkins, G.N., 1901b, 106.

AMPHISTOMULUM Brandes, G.P.H., 1892b, Oct. 7, 510 (proposed as an artificial collective group to contain immature amphistomes).--Stiles, C.W., 1902s, 28, 48.

AMPHISTOMUM Nitzsch, C. L., 1819a, 397.--Creplin, F.C.H., 1825a, 35 (for Amphistoma, q.v.).--Stiles, C.W.; & Tayler-Jones, L., 1902b, 48.

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dombrowskajae Akhmerov, A. Kh., 1959a, 45-47, 48, figs. 1-4 (tod) (Ctenopharyndogon idella; intestine; Amur river); 1959c, 107.

ANADASMUS Looss, A., 1899b, 568-569 (mt: A. amphiorchis) [not Anadasmus Walsingham, 1897, insect]; 1900d, 601, 602 (renamed Orchidasma); 1902m, 839.--Braun, M.G.C.C., 1901b, 20.--Dollfus, R.P.F., 1929e, 116; [1937c], 504.--Luehe, M.F.L., 1901n, 488.--Stiles, C.W., 1901r, 185, 189, 191; 1912m, 507 [rejected name].

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ANAHEMIURUS Manter, H.W., 1947a, 336, 337, 385 (tod: A. microcercus).

microcercus Manter, H.W., 1947a, 336-337, 370, 371, 385, figs. 102-103 (tod) (Calamus bajonado, C. calamus, Eucinostomus lefroyi (stomach & intestine; Tortugas, Florida).

trachuri Kurashvili, B.E., 1958a, 209-211, fig. (Trachurus mediterraneus ponticus; intestine; Black Sea (vicinity of Poti); 1960a, 256.

ANALLOCREADIINAE Hunter, G.W.; & Bangham, R.V., 1932a, 139-140.--Cable, R.M.; & Hunninen, A.V., 1941c, 14; 1942a, 306, 308, 311 (renamed Homalometrinae).

ANALLOCREADIUM Simer, P.H., 1929a, 563-564 (tod: A. armatum (MacCallum).--Cable, R.M.; & Hunninen, A.V., 1942a, 306, 308, 311 (as syn. of Homalometron).--Hunter, G.W.; & Bangham, R.V., 1932a, 140 (emend.).--Van Cleave, H.J.; & Mueller, J.F., 1934a, 179 (key).

species Bangham, R.V., 1939a, 265 Chaenobryttus gulosus; southern Florida).

species Bangham, R.V., 1939a, 266 (Helioperca macrochira; southern Florida).

species Bangham, R.V., 1941a, 303 warmouth bass, bluegill, black-spotted sunfish, stump-knocker).

species Bangham, R.V., 1941b, 447 (Lepomis gibbosus; Buckeye Lake, Ohio).

species Bangham, R.V., 1941b, 447 (Lepomis cyanellus; Buckeye Lake, Ohio).

armatum (MacCallum, 1895) Simer, P.H., 1929a, 564-565 (tod) (Aplodinotus grunniens, Polyodon spathula).--Bangham, R.V.; & Hunter, G.W., 1939a, 402, 409, 414, 417, 447 (Aplodinotus grunniens; Lake Erie).--Bangham, R.V.; & Venard, C.E., 1942a, 35, 36.--Hopkins, S.H., 1934a, 101 (Unionidae, Gammarus); 1934b, 385-386 (Aplodinotus gruniens, Unionidae (cysts in foot)); 1935b, 442; 1937a, 94-96, fig. 2 (Musculium ferrissi (exper.)), Amnicola peracuta Little Brazos river, Texas); 1938b, 24.--Hunter, G.W.; & Bangham, R.V., 1932a, 139, 140.--Miller, M.J., 1940c, 423, 426-428, 431, fig. 10 (syn.: A. pearsei Hunter & Bangham, 1932) (Ameiurus nebulosus, Eupomotis gibbosus; central St. Lawrence watershed).

pearsei Hunter, G.W.; & Bangham, R.V., 1932a, 137-138, figs. 3-6, 15-19 (Aplodinotus grunniens; intestine; Lake Erie).--Bangham, R.V.; & Hunter, G.W., 1939a, 409, 414, 417, 447.--Bangham, R.V.; & Venard, C.E., 1942a, 32, 33, 34, 35, 36 (Helioperca macrochira, Eupomotis microlophus, Chaenobryttus gulosus; Reelfoot Lake.--Miller, M.J., 1940c, 423, 426, 427, 428 (as syn. of A. armatum).--Mueller, J.F., 1934c, 336, 362, 363, pl. 46, fig. 10.--Venard, C.E., 1941a, 14 (Chaenobryttus gulosus; intestine; Reelfoot Lake near Samburg, Tennessee).

ANAPORRHUTINAE Looss, A., 1901b, 205 (subf. of Fasciolidae); 1901 1, 558; 1902m, 485, 844, 862-863 (diagnosis).--Fuhrmann, O., 1928b, 75, 112.--Goodchild, G.G., 1943a, 59 (Gorgoderidae).--Nagaty, H.F., 1930a, 102, 103.--Odhner, T., 1902b, 65, 68.--Pratt, H.S., 1902a, 888, 901 (key) (includes Anaporrhutum, Plesiorchorus; related genus Callodistomum).--Travassos, L.P., 1922b, 17, 18; 1922d, 221, 226.

ANAPORRHUTUM von Ofenheim, E., 1900b, 145-186 (type albidum Brandes designated by Looss, 1900b, 204).--Braun, M.G.C.C., 1902b, 23.--Darr, A., 1902a, 652.--Fuhrmann, O., 1928b, 112.--Looss, A., 1901b, 204, 205, 209; 1901 1, 557, 558; 1902m, 479, 480, 481, 482, 484, 485, 526, 621, 813, 814, 844, 848, 851, 852, 853, 854, 857 (Anaporrhutinae), 858, 859, 860, fig. B.V, 863 (dianosis).--Nagaty, H.F., 1930a, 102, 103, 104, fig. a.--Odhner, T., 1902b, 65, 67; 1910d, 13, 14.--Poche, F., 1926b, 128 (Gorgoderidae).--Pratt, H.S., 1902a, 888, 900 (key), 901 (key).--Travassos, L.P., 1922b, 17, 18.--Woolcock, V., 1935a, 328.

albidum Brandes in von Ofenheim, E., 1900b, 145-186, figs. 1-4, pl. 3, figs. 1-8 (Aetobatis narinari; body cavity & pericardium; Pacific).--Dollfus, R.P.F., 1937b, 59-60, 261, 270.--Hollack,

J., 1902a, 868.--Jegen, G., 1917a, 513.--Looss, A., 1901b, 204(type of genus), 206, 209; 1901 1, 557; 1902m, 479, 482, 483, 484, 620, 622, 624, 625, 628, 791 (amphitypie), 844, 848, 851, 852, 855, 857, 863.--Luehe, M. F. L., 1906b, 104, 105.--Nagaty, H. F., 1930a, 103.--Odhner, T., 1902c, 154.--Southwell, T., 1913b, 101-102 (Chiloscyllium indicum; coelom; Ceylon).

largum Luehe, M.F.L., 1906b, 104-106, pl. 2, fig. 17(Rhinoptera javanica; body cavity; Kalpitiga, Ceylon).--Baylis, H.A., 1927d, 426.--Chaudhuri, B. L., 1916a, 410(Hypolophus sephen; body cavity; Chilka Lake, India).--Dollfus, R. P. F., 1937b, 59, 60, 165, 259, 261-262, 270 (Hypolophus sephen, Aetobatis narinari, Ginglymostoma concolor, Chiloscyllium indicum, Stegostoma varium(=S. tigrinum), Ginglymostoma cirratum, Dasybatus sephen, Rhinoptera javanica).--Fuhrmann, O., 1928b, 36, fig. 43.--Nagaty, H. F., 1930a, 107.--Odhner, T., 1910d, 14.--Southwell, T., 1913b, 101 (Chyloscyllium indicum, Ginglymostoma concolor, Aetobatis narinari; coelom; Ceylon); 1915b, 335 (Hypolophus sephen; coelom; Chilka Lake).--Travassos, L. P., 1922b, 18.

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richiardii (Lopez of Ofenheim) Looss, A., 1902m, 479, 482, 483, 484, 621, 622, 852, 854, 855 (renamed Probolitrema capense).

richiardii of Ofenheim, E., 1900b, 169-170, 178, 179, 180, 185, 186, pl. 3, figs. 9-12(Scyllium sp.; body cavity; Atlantic, near Kapstadt).--Odhner, T., 1901b, 61; 1902b, 61; 1910d, 14.

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latum Gedoelst, L., 1919a, 1250-1252, fig. Chamaeleon dilepis; intestine; Belgian Congo).--Dollfus, R.P.F., 1929d, 86, 96.--Hughes, R.C.; Higginbotham, J.W.; & Clary, J.W., 1941a, 36; 1942a, 113.

mutabile (Molin, 1859) Rizzo, A., 1902b, 27-28, fig. 1 (Ascalobotes mauritanicus, Lacerta agilis).

philippinorum (Tubangui, 1928) Skarbilovich, T.S., 1948a, 445, fig. 230.

philippinorum congolensis (Sandground, 1937) Skarbilovich, T.S., 1948a, 445-446.

sanguineum (Sonsino, 1894) Looss, A., 1899b, 637; 1902m, 492, 818, 823.--Cort, W.W., 1919c, 290, 292.--Dollfus, R.P.F., 1929d, 86, 93.--Faust, E.C., 1919d, 327 (excretory system); 1932d, 467(excretory system).--Gedoelst, L., 1919a, 1250-1252, fig.--Gohar, N., 1934a, 324 (Chamaeleon basilicus, C. vulgaris, Rhinolophus hippocrepis, Megaderma frons, Taphozous nudiventris, chauve-souris; intestine; Egypt).--Heymann, G., 1905a, 97.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 36; 1942a, 113.--Johnson, J. C., 1920a, 360.--Luehe, M.F.L., 1900aa, 565, 566.--Odhner, T., 1910d, 81.--Oshmarin, P. G., 1958a, 260.--Pande, B.P., 1935a, 376-378, 380, fig. 3 (Nycticejus kuhli, N. dormeri; rectum; Allahabad).--Simha, S.S., 1958a, 161, 180, 213, 214 (Chamaeleon zeylanicus; stomach & intestine; Hyderabad); 1960a, 46-47, figs. 1-2.

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anchoradiscus Mizelle, J.D., 1941a, 159-163, figs. A-C (tod) (Eupomotis microlophus, Lepomis macrochirus; gills; Florida); Mizelle, J.D.; et al., 1956a, 162-163; Mizelle, J.D.; & Brennan, W.J., 1942a, 144(Lepomis microlophus, L. macrochirus, Florida).--Sproston, N.G., 1946a, 223, 224, 524, 526, figs. 10a-c (Helioperca macrochira; Florida).

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J.D., 1941a, 160-161 (Lepomis symmetricus; gills); Mizelle, J.D.; et al., 1956a, 163 (Lepomis symmetricus; Louisiana).--Sproston, N.G., 1946a, 224, 517 (Apomotis symmetricus; Louisiana).

ANCHOROPHORIDAE Bykhovskii, B.E.; & Nagibina, L.F., 1958b, 1-18.

ANCHOROPHORUS Bykhovskii, B.E.; & Nagibina, L.F., 1958b, 1, 5, 6, 16, 17, 18 (tod: A. sinensis).

sinensis Bykhovskii, B.E.; & Nagibina, L.F., 1958b, 1, 6, 7, 8, 9, 10, 11, 13, 15, 18, fig. 1-6 (tod) (Cynoglossus semilaevis; gills, gill filaments; China).

ANCHYLODISCUS Johnston, T.H.; & Tiegs, O.W., 1922a, 84, 85, 92, 93 (tod: A. tandani).--Brinkmann, A., 1940a, 17.--Chauhan, B.S., 1945b, 151 (Dactylogyridae, Tetraonchinae) (key).--Froissant, A., 1930a, 34.--Fuhrmann, O., 1928b, 27.--Price, E.W., 1937a, 123, 147.--Sproston, N.G., 1946a, 187, 215, 224 (key).--Tripathi, Y.R., [1959a], 61 species Johnston, T.H.; & Tiegs, O.W., 1922a, 94 (Neosilurus hyrtlii; gills; Paroo River, Southwest Queensland).--Sproston, N.G., 1946a, 225, 531.

gadopsis Hughes, R.C., 1928a, 45-46, pl. 8, fig. 1, pl. 10, fig. 6 (Gadopsis sp.; gills; Camcaspe River, Victoria).--Sproston, N.G., 1946a, 225, 524.

tandani Johnston, T.H.; & Tiegs, O.W., 1922a, 93-94, pl. 10, fig. 8, 9, pl. 11, figs. 10-11 (tod) (Tandanus tandanus; gills; Burnett River, South Queensland). Brinkmann, A., 1940a, 17.--Hughes, R.C., 1928a, 46 (Gadopsis sp.; South Australia).--Murray, F.V., 1931a, 492.--Sproston, N.G., 1946a, 224, 225, 524, 541, fig. 11 a-b.

ANCYLOCLADIUM Vlasenko, P.V., 1931a, 91 [?for Ancylocoelium Nicoll, 1912].

typicum Vlasenko, P.V., 1931a, 91 (Trachurus trachurus; Black Sea).

ANCYLOCOELIINAE Skrjabin, K.I.; & Koval, V.P., 1957a, 168, 169, 305-313.--Yamaguti, S., 1958a, 63.

ANCYLOCOELIUM Nicoll, W., 1912e, 198-300, (tod: A. typicum).

typicum Nicoll, W., 1912e, 198-200, pl. 9, fig. 1 (Trachurus trachurus; Scotland).--Pogorel'tseva, T.P., 1957a, 15.--Vlasenko, P.V., 1931a, 91, 93, 102-103 (Trachurus trachurus; Black Sea).

ANCYLODISCOIDES Yamaguti, S., 1937f, 4, 10 (tod: A. parasiluri).--Bogdanova, E.A., 1959b, 145.--Chauhan, B.S., 1945b, 150, 151 (Dactylogyridae, Tetraonchinae).--Sproston, N.G., 1946a, 187, 215, 225 (key).--Tripathi, Y.R., [1959a], 54, 62.

asoti Yamaguti, S., 1937f, 7-9, 26, 27, pl. 1, fig. 8, pl. 2, figs. 9-11 (Parasilurus asotus; gills; Okinohata, Hukuoka Prefecture & near Okayama); 1943h, [p. 1].--Gusev, A.V., 1955b, 309-310, 311, 362, 373, 395, 398, fig. 53 (1) (Parasilurus asotus; gill filaments; Amur river system).--Sproston, N.G., 1946a, 226, 533.

curvilamellis Akhmerov, A.Kh., 1952a, 198, 199, 200, 210, fig. 6b (Parasilurus asotus; gills; Lake Udyl).--Gusev, A.V., 1955b, 310 (as syn. of Ancylodiscoides varicus).

gigi Yamaguti, S., 1942a, 105, 114-115, 129, fig. 5, pl. 4, figs. 14-16 (Pelteobagrus nudiceps; gills, Kyoto); 1943h, [p. 1].

hamatovagina Yamaguti, S., 1942a, 105, 108-110, 129, fig. 3, pl. 4, figs. 4-6 (Parasilurus asotus; gill, River Yodo, Japan); 1943h, [p. 1].

infundibulovagina Yamaguti, S., 1942a, 105, 112-113, 129, fig. 5, pl. 4, figs. 10-12 (Parasilurus asotus; gill; Kyoto); 1943h, [p. 1].

macracanthus Akhmerov, A.K., 1952a, 201, 202, 210, fig. 7v (Parasilurus; gills; Lake Bolon, Amur river).

magnus Bykhovskii, B.E.; & Nagibina, L.F., [1958a], 245-249, figs. 7-9 (Silurus glanis; gill filaments; Caspian Sea (Volga Delta); Sea of Azov).

mediacanthus Akhmerov, A.Kh., 1952a, 203, 204, 205, 210, fig. 8v (Parasilurus asotus; gills; Amur river).--Gusev, A.V., 1955b, 310 (as syn. of A. varicus).

mugilis Tripathi, Y.R., [1959a], 23, 54-56, fig. 28 (Mugil subviridis; Chilka Lake, India).

parasiluri Yamaguti, S., 1937f, 4-7, 26, pl. 1, figs. 5-7 (Parasilurus asotus; gills; Lake Suwa, Nagano Prefecture); 1943h, [p. 1].--Sproston, N.G., 1946a, 226, 533.

poljanskyi Gusev, A.V., 1955b, 313, 314-315, 316, 360, 395, 398, fig. 54 (3). (Pseudobagrus fulvidraco; gill filaments; Amur river system).

rimsky-korsakowski Akhmerov, A.Kh., 1952a, 201, 202, 203, fig. 7d (Liocassis ussuriensis; Amur river).--Gusev, A.V., 1955b, 313, 315-316, 395, 398, fig. 54 (2).

sigmoidovagina Yamaguti, S., 1942a, 105, 110-112, 129, fig. 4, pl. 4, figs. 7-9 (Parasilurus asotus; gill; Kyoto).

siluri (Zandt, 1924) Yamaguti, S., 1937f, 10.--Agapova, A.I., 1956a, 24-25, 51 (Silurus glanis; Reservoirs of western Kazakhstan).--Barysheva, A.F.; & Bauer, O.N., [1958a], 185 (Silurus glanis; Lake Ladoga).--Bykhovskii, B.E.; & Nagibina, L.F., [1958a], 239-242,

figs. 1-3.--Chiaberashvili, E. A., 1957a, 130 (som[Silurus glanis];Georgian SSR).--Dubinina, M. N., 1949b, 109 (Silurus glanis; Volga delta).--Ergens, R., 1956a, 48, 49, 51, 52, fig. 4(Silurus glanis;Mähren).--Gusev, A. V., 1952a, 172, 176, 179(Silurus glanis; Volga river).--Kolesnikova, M. M., 1956a, 281.--Koval, V. P.; & Pirianik, G. I., [1958a], 217(som[Silurus glanis]; southern Bug).--Lucký, Z., 1958c, 140, 142, 144, 153, fig. 23 (Silurus glanis; Moravy).--Primak(Lipa), T. O., 1956a, 53, 58 (Silurus glanis; gills; Pivdennyi Bug).--Roman, Elena, 1953c, 825(Silurus glanis; Roumania).--Shevchenko, N. N., 1954b, 75 (Silurus glanis;northern Donets); 1956b, 272, 292.--Sidorov, E. G., 1959a, 136.--Smirnova, K. V., 1954b, 187(Silurus glanis;Don).—Sproston, N. G., 1946a, 226 (Silurus glanis; Lake Constance).

strelkowi Akhmerov, A. Kh., 1952a, 201, 202, 211, fig. 7g (Pseudobagrus fulvidraco; gills; Amur).--Gusev, A. V., 1955b, 312-314, 315, 316, 360, 379, 395, 398, figs. 54 (1).

varicus Akhmerov, A. Kh., 1952a, 200, 210, 211, figs. 6v, g, 7a-b(Parasilurus asotus; Silurus soldatowi, Liocassis ussuriensis;gills;Amur river); 1959c, 107 (Hypophthalmichthys molitryx; RSFSR).--Gusev, A. V., 1955b, 172, 310-312, 345, 355, 362, 373, 374, 379, 380, 395, 398, fig. 53 (2) (syn.:A. curvilamellis Achm., A. mediacanthus Achm).

vistulensis (Siwak, 1931) Bykhovskii, B. E., & Nagibina, L. F., [1958a], 242-245, figs. 4-6.

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triacanthi Yamaguti, S., 1938f, 15, 17-19, 71, pl. 3, fig. 2 (tod) (Triacanthus brevirostris; gills; Lake Hamana, Japan); 1943h, [1].--Sproston, N. G., 1946a, 227, 543, figs. 13 a-c.

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species Bangham, R. V., 1933a, 224, 225 (Micropterus dolomieu, Aplites salmoides).

species (of Creplin, 1839) Meyer, F. P., 1958a, 495-496, 511, 512(Perca flavescens, Pimephales promelas;Trumbull Lake, Iowa).

species Ergens, R., 1960b, 57, 58, 59, fig. 6 (Gobius cobitis; gill filaments; Albania).

species Fantham, H. B.; & Porter, A., 1948a, 636, 637, pl. 5, fig. 17(Micropterus dolomieu;Halifax, Nova Scotia).

species Holl, F. J., 1932a, 89, 91, 92, 95, 99, 100, 101, 102, 107 (Chaenobryttus gulosus, Eupomotis gibbosus, Enneacanthus gloriosus; gills;North Carolina).

species Porter, A., 1954a, 315 (Dasybatis pastinacea; Zoological Society of London gardens).

species Van Cleave, H. J., 1921f, 37 (Lepomis pallidus, L. humilis, Ictalurus punctatus, Micropterus salmoides; Fairport, Iowa, Esox lucius; Lake Pokegama, gills, Minnesota).

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aculeatus Van Cleave, H. J.; & Mueller, J. F., 1932a, 25-28, pl. 4, figs. 1-4 (Stizostedion vitreum; gills; Oneida Lake, New York); 1934a, 184.--Bang-

ham, R. V., 1944a, 308, 309, 322 (Stizostedion v. vitreum; gills; northern Wisconsin).--Fantham, H. B.; & Porter, A., 1948a, 637.--Mizelle, J. D.; et al., 1956a, 166.--Mizelle, J. D.; & Regensberger, R., 1945a, 676 (as syn. of Cleidodiscus aculeatus (Van Cleave & Mueller, 1932) new comb.).--Seamster, A., 1938b, 604, 605 (as syn. of Urocleidus aculeatus (Van Cleave & Mueller, 1932) Mueller, 1934).

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assimilis Gusev, A. V., 1955b, 303-304, 356, 357, 358, 364, 368, 369, 395, 397, fig. 50(1)(s. l.) (Chilogobio czerskii; gill filaments; Amur River system).

atherinae Price, E. W., 1934c, 2-3, pl. 1, figs. 3-4 (Atherina araea; gills; Samaná Bay, near Santa Barbara de Samaná, Dominican Republic); 1938a, 407.--Sproston, N. G., 1946a, 228, 517, fig. 14d.

balistes (MacCallum, 1915) Johnston, T. H.; & Tiegs, O. W., 1922a, 95.

balisticus Hargis, W. J. (jr.), 1955a, 185-186, 190-191, 192, pl. 1, figs. 19-27 (Balistes carolinensis; gills; Alligator Harbor, Franklin County, Florida).--Tripathi, Y. R., [1959a], 58-59.

bam Tripathi, Y. R., [1959a], 23, 43-44, 59, fig. 21 (Rhynchobdella aculeata; local fish market, India).

bassensis Hughes, W. K., 1928a, 51-52, pl. 8, fig. 3 (Platycephalus bassensis; gills; Port Philip Bay).--Murray, F. V., 1931a, 492, pl. 20, fig. 2, pl. 22, fig. 10.--Sproston, N. G., 1946a, 228, 534, fig. 14c.--Tripathi, Y. R., [1959a], 59.

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borealis (Olsson, 1893) Johnston, T. H.; Tiegs, O. W., 1922a, 95 (subg.: Dactylodiscus (type)).--Sproston, N. G., 1946a, 229 (Coregonus lavaretus, Thymallus vulgaris; Scandinavian lakes).

bursatus Mueller, J. F., 1936f, 56, 57, 60, 61, 71, pl. 12, figs. 6-7, pl. 14, fig. 20 (M[icropterus] salmoides; gill filaments; London, Ohio).--Mizelle, J. D.; et al., 1956a, 165 (as syn. of Clavunculus bursatus (Mueller, 1936) [n. comb.]).--Seamster, A., 1938b, 606 (as syn. of Actinocleidus bursatus (Mueller, 1936) Mueller, 1937).

bychowskii Markevich, A. P., 1934b, 29-30, 93-94, fig. 15 (Hemichromis bimaculatus; gills; Province de Leningrad).--Paperna, I., 1960b, 32 (as syn. of Cichlidogyrus bychowskii (Markevitch, 1934) nov. comb.).--Sproston, N. G., 1946a, 229, 526.

chaetodipteri Pearse, A. S., 1949a, 26-27, fig. 6a-c (Chaetodipterus faber; gills & oesophagus; Beaufort, North Carolina).--Hargis, W. J. (jr.), 1954b, 1115 (as syn. of Tetrancistrum longiphallus (MacCallum, 1915 (Price, 1937).

cruciatus (Wedl, 1858) Luehe, M. F. L., 1909b, 18, 19, fig. 29 (Misgurnus fossilis; gills, Europe).--Bykhovskii, B. E., 1929a, 15, 23, fig. 6; 1933b, 244.--Bendl, W. E., 1913a, 587).--Chernishenko, A. S., 1957, 197 (Misgurnus fossilis; Dniester estuary).--Chiriac, El.; & Udrescu, M., 1957a, 151, 152, 153, 154, 155, fig. 2 (Misgurnus fossilis; branchii; Balta Comana).--Cooper, A. R., 1915d, 191, pl. 2, fig. 12 (Micropterus dolomieu).--Dyk, V., 1959c, 35.--Gusev, A. V., 1952a, 172, 176, 179 (Misgurnus fossilis; gills; Volga River).--Ivasik, V. M., 1960a, 300 (Misgurnus fossilis; western oblasts of Ukrainian SSR).--Johnston, T. H.; & Tiegs, O. W., 1922a, 95.--Kaštak, V., 1956d, 627 (Lucioperca lucioperca, Perca fluviatilis, Ameiurus nebulosus; Czechoslovakia).--Kogteva, E. P., [1958a], 248 (Misgurnus fossilis; Pskov-Chud reservoir).--Lucký, Z., 1958c, 140, 142, 153, 155, 157, fig. 22 (Misgurnus fossilis; Moravy).--Mizelle, J. D., 1940b, 169 (as syn. of Actinocleidus fusiformis (Mueller, 1934)).--Mizelle, J. D.; et al., 1956a, 164 (Micropterus dolomieu; New York, Ohio, Tennessee, M. punctulatus; Tennessee, M. salmoides; Florida, Oklahoma, Tennessee, Wisconsin, Virginia).--Mizelle, J. D.; & Regensberger, R., 1945a, 675.--Mueller, J. F., 1936f, 64 (as syn. of Cleidodiscus fusiformis Mueller, 1934).--Shevchenko, N. N., 1954b, 75

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fluviatilis Bykhovskii, B. E., 1949a, 876-878, figs. 8-9 (Ancyrocephalus (s.l.)) (Mugil abu zarudnyi; Karkheh River, 60 Kilometers from Akhvaza, Iran).

forceps (Leuckart, (1857)) Luehe, M. F. L., 1909b, 19 (Chondrostoma nasus, Leuciscus cephalus; Europe).--Bendl, 1913a, 587.--Sproston, N. G., 1946a, 229, 520, 528, 540 (Chondrostoma dobula, Squalius cephalus; Europe).

hemibarbi Akhmerov, A. Kh., 1952a, 194, 195, 196, fig. 5e (s.l.) (Hemibarbus labeo; gills; Amur River) (Ancyrocephalus (s.l.)).--Gusev, A. V., 1955b, 295-296, 395, 397, fig. 46, 1, 46, 2 (Hemibarbus maculatus; gill filaments; Amur River system).

johni Tripathi, Y. R., [1959a], 23, 44-46, 59, fig. 22 (Lutjanus johni; river Hooghly at Diamond Harbour, India).

lactophyrys (MacCallum, 1915) Johnston, T. H.; & Tiegs, O. W., 1922a, 95.--Hargis, W. J. (jr.), 1955a, 187-188 (Lactophrys tricornis; gills; Alligator Harbor; Florida).--Price, E. W., 1937b, 119, 125, figs. 6-9 (Acanthostracion quadricornis; gills; New York Aquarium).--Sproston, N. G., 1946a, 229, 515 (Acanthostracion tricornis).--Tripathi, Y. R., [1959a], 59.

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mogurndae (Yamaguti, 1940) Gusev, A. V., 1955b, 305-307, 352, 355, 395, 398, fig. 51 (Ancyrocephalus (s.l.)) (syn.: Haliotrema mogurndae Yamaguti, 1940; H. (?) mogurndae [of] Akhmerov, 1952, Tetraonchus dispar Dogiel, 1947) (Sinîperca chua-tsi; gill filaments; Amur River system).

monenteron (Wagener, 1857) Wegener, G., 1910b, 215-218, pl. 6, fig. 2 (Esox lucius).--Alarotu, H., 1944a, 7 (as syn. of Monocoelium monenteron (Wagener)).--André, E. H., 1917a, 170.--Bykhovskii, B. E., 1929a, 15, 18, 23.--Jírovec, O., 1939a, 138 (Esox lucius; Teich Malá Kuš, Böhmen).--Kahls, O., 1930a, 54.--Kaštak, V., 1957a, 102-103, 106, 107, 108, 110, fig. 1 (as syn. of Tetraonchus monenteron (Wagener, 1857) Diesing, 1858).--Mizelle, J. D.; et al., 1956a, 175 (as syn. of Tetraonchus monenteron (Wagener, 1857) (Esox lucius; Wisconsin).--Mizelle, J. D.; & Regensberger, R., 1945a, 692.--Mueller, J. F.; & Van Cleave, H. J., 1932a, 94 (Esox; gills; Europe & America).--Pigulevskii, S. V., 1932a, 425, 427, 429, 430 (syn.: Monocoelium monenteron; Tetraonchus monenteron) (Misgurnus fossilis).--Prost, M., 1951a, 453, 455 (Esox lucius; Lublin).--Supino, F., 1931a, 55 (luccio [pike], pesce batto[catfish]; Lombardia).--Vlasenko, N. M., 1928a, 231, 236.--Zandt, F., 1924a, 231, 267 (Esox lucius; Bodensee).

monticellii Cognetti de Martiis, L., 1925a, 76-81, fig. 1 (Am[e]iurus catus; cavità olfattiva; Ceresole d'Alba, Prov. di Cuneo).--Siwak, J., 1932a, 676-677 (Am[e]iurus catus; North America).--Sproston, N. G., 1946a, 229.

nengi Tripathi, Y. R., [1959a], 23, 48-50, 59, fig. 24 (Arius nenga, A. arius, Osteogeneosus militaris; Chilka lake & estuaries of Mahanadi & Hooghly, India).

paradoxus Creplin, F. C. H., 1839a, 292 (Perca lucioperca); 1846a, 155.--Agapova, A. I., 1956a, 24, 52, 53, 54 (Perca fluviatilis, Lucioperca lucioperca, L. volgensis; reservoirs of western Kazakhstan); 1957a, 125 (distribution in

reservoirs, Kazakhstan).--Akhmerov, A. Kh.; & Bogdanova, E. A., [1958a], 155(Lucioperca lucioperca, Perca fluviatilis; zone of future Stalingrad reservoir).--Astakhova, T. V., 1959a, 99, 100(sudak [Lucioperca]; gills; northern Caspian, Volga delta).--Babić, I., 1935b, 362(Lucioperca sandra; branchia; Markthalle Zagreb).--Balashov, Iu. S., 1953a, 77 (Perca fluviatilis; Lake Iaskh).--Barysheva, A. F.; & Bauer, O. N., [1958a], 185(Lucioperca lucioperca, Perca fluviatilis; Lake Ladoga).--Bykhovskaia, I. E., 1936a, 127, 130, 135, 136 (Perca fluviatilis; Karelia); 1940a, 102, 105, 106, 107, 108, 112, 114, 126.--Bykhovskaia, I. E.; & Bykhovskii, B. E., 1940a, 146, 147(Lucioperca lucioperca; Sea of Azov).--Bykhovskii, B. E., 1929a, 15, 22-23 (Perca fluviatilis; Kostroma); 1933b, 244(Lucioperca lucioperca, L. volgensis; gebiet des Kaspischen Meeres); 1934a, 206, 207(Lucioperca lucioperca; White Sea).--Bykova, E. V., 1939a, 39 (Lucioperca lucioperca; Lake Charkhal, west Kazakstan).--Chernyshenko, A. S., 1957, 197(Lucioperca lucioperca; Dniester estuary).--Cooper, A. R., 1915d, 190, pl. 2, fig. 11 (Micropterus dolomieu; gills; Canada).--Diesing, K. M., 1850a, 416 (Greifswald, Vienna, Gedani); 1858e, 368, pl. 1 (Lucioperca sandra).--Dogiel, V. A.; & Bykhovskii, B. E., 1934a, 256, 259, 261, 283-284, 343 (Lucioperca lucioperca; Aral Sea).--Dubinina, M. N., 1949b, 109(Lucioperca lucioperca; Volga delta).--Dujardin, F., 1845a, 654 (Perca lucioperca).--Dyk, V., 1959c, 35.--Gusev, A. V., 1952a, 172, 175-176, 179 (Lucioperca lucioperca, Perca fluviatilis; Volga river).--Iziumova, N. A., 1959d, 116 (Rybinsk reservoir).--Johnston, T. H.; & Tiegs, O. W., 1922a, 94, 95.--Kahls, O., 1930a, 54.--Kaštak, V., 1956d, 627(Cyprinus carpio; Czechoslovakia).--Kolesnikova, M. N., 1956a, 282 (Kara Rymsk lake).--Kosheva, A. F., 1959a, 121 (Okun [Perca fluviatilis]; Kuibyshev reservoir).--Koval, V. P., & Pirianik, G. I., [1958a], 217 (sudak [Lucioperca lucioperca]; southern Bug).--Kozicka, J., 1959a, 12, 14(Perca fluviatilis; Druzno lake).--Krøyer, H. N., 1838-40a, 579 (Lucioperca sandra).--Krotas, R. A., [1959a], 96(Perca fluviatilis; Lake Trakai).--Kudriavtseva, E. S., 1960a, 1741 (zander; Kubensk lake).--Kurashvili, B., 1960a, 255(Lucioperca lucioperca, Perca fluviatilis; Black Sea).--Lavrov, G. D., 1957a, 127(Lucioperca volgensis; Volga).--Lucký, A., 1958c, 140, 141-142, 152(Lucioperca lucioperca, Perca fluviatilis; Moravia).--Luehe, M. F. L., 1909b, 18-19, fig. 28.--Markevich, A. P., 1934b, 29 (Lucioperca lucioperca, Perca fluviatilis; Province de Leningrad); [1952a], 216-217 (syn.: Dactylogyrus unguiculatus Wagener, 1857; Gyrodactylus crassiusculus Wedl, 1857).--Milicer, W., 1938a, 99, 101, 105, table 1(Perca fluviatilis; Wigry-Sees).--Mizelle, J. D.; et al., 1956a, 167(as syn. of Cleidodiscus megalonchus (Mueller, 1926).--Monticelli, F. S., 1888a, 90; 1889f, 113-116 (as syn. of Tetraonchus unguiculatus Wagener)(Perca fluviatilis);(1891i), 109; 1892g, 109; 1893i, 113-116.--Mueller, J. F., 1936f, 69 (of Cooper, 1915, as syn. of Leptocleidus megalonchus n. sp.).--Osmanov, S. O., 1954a, 102, 103 (Lucioperca lucioperca; gill; Amu-Darya delta).--Petrushevskii, G. K., [1958c], 281 (Lucioperca lucioperca; gills; White Sea).--Petrushevskii, G. K.; & Bykhovskaia, I. E., 1935a, 25, 60 (Perca fluviatilis; Karelia).--Petrushevskii, G. K.; Pozdniakova (Vikhrova), M. N.; & Shul'man, S. S. [1958a], 338 (Lucioperca luciopera; Braslav lake, Belorussia).--Polianskii, Iu. I.; & Shul'man, S. S., 1956a, 20 (okunia [Perca fluviatilis]).--Price, E. W., 1937b, 149 ([of Cooper, 1915]).--Primak (Lipa), T. O., 1956a, 53, 58, fig. 4 (Lucioperca lucioperca; gills; Western Bug river).--Roman, Elena, 1953c, 824-825, fig. 22 (Lucioperca lucioperca; Roumania).--Serov, N. P., 1956a, 311 (Lucioperca marina; Lake Chelkar).--Shevchenko, N. N., 1954b, 75(Lucioperca lucioperca; northern Donets river); 1956b, 272, 290.--Shmidt, G. A., 1923a, 30, 31.--Shul'man, S. S., [1958c], 336 (sudak [Lucioperca lucioperca]; Lake Zhizhitsa, Velikie Luki oblast).--Sidorov, E. G., 1959a, 136.--Siwak, J., 1932a, 676-677.--Smirnova, K. V., 1954b, 187, 194(Lucioperca lucioperca; Don River & Tsimliansk reservoir, L. volgensis; Tsimliansk reservoir); 1959a, 127.--Sproston, N. G., 1946a, 227, 228, 529, 533, fig. 14a-b.--Stoliarov, V. P., 1952a, 267(okun, sydak; Rybinsk reservoir); 1954b, 162, 166 (Lucioperca lucioperca; gills; Rybinsk reservoir); 1955a, 185 (okun' [Perca fluviatilis], ersh [Acerina cernua], sudak [Lucioperca lucioperca]; upper Volga).--Supino, F., 1931a, 55(sandra; Lombardia).--Szidat, L., 1926a, 18 (zander).--Taschenberg, O., 1879g, 238, 264(as syn. of Tetraonchus unguiculatus Wagener).--Tripathi, Y. R., [1959a],

59.--Van Cleave, H. J., 1921f, 38 (as syn. of Tetraonchus unguiculatus Wagener).--Wagener, G., 1910b, 200, 201, 207, 208-212, 213, 214, fig. 3, pl. 6, fig. 1(Eupomotis gibbosus).--Zakhvatkin, V. A., 1951a, 124, 128, 137 (Perca fluviatilis;Transcarpathia).--Zakhvatkin, V. A.; & Kulakivs'ka, O. P., 1951a, 151(Perca fluviatilis;upper Dniester).--Zandt, F., 1924a, 233, 234 (Bodensee).

parvus Linton, E., 1940a, 3, pl. 14, figs. 159-160 (Strongylura marina; gills; Woods Hole, Massachusetts).--Hargis, W. J. (jr.), 1955a, 188(Tylosurus marinus; gills; Alligator Harbor, Florida).--Sproston, N. G., 1946a, 229, 541.--Tripathi, Y. R., [1959a], 59.

pavlovskyi Gusev, A. V., 1955b, 296-298, 395, 398, fig. 47(Ancyrocephalus(s.l.)) (Hemibarbus labeo, H. maculatus; gill filaments; Amur River system).

pedatus (Wagener, 1857) Johnston, T. H.; & Tiegs, O. W., 1922a, 95.

perplexus Gusev, A. V., 1955b, 303, 304-305, 395, 397, fig. 50, 2(s.l.)(Erythroculter mongolicus;gill filaments;Amur River system).

platycephali Yamaguti, S., 1953b, 203, 209-210, 255, pl. I, fig. 4 (Platycephalus indicus; Macassar).--Tripathi, Y. R., [1959a], 58.

pleurovitellum (lapsus for plurovitellum)Johnston, T. H.; & Tiegs, O. W., 1922a, 96.

plurovitellum (MacCallum, 1916) Johnston, T. H.; & Tiegs, O. W., 1922a, 96.

polymorphus Gusev, A. V., 1955b, 187, 300-302, 345, 357, 358, 364, 368, 369, 380, 395, 397, fig. 49(s.l.)(Gnathopogon chankaensis; gill filaments; Amur River system.

pricei Chechina, A. S.; Malevitskaia, M. A.; & Kononova, N. E., 1953a, 174 (effect of acclimatisation) (Ameiurus nebulosus; Ozero Liutsimer, Ozero Olshytskoe, Ozero Orekhovo).

pseudorasborae Akhmerov, A. Kh., 1952a, 189, 194, 210, fig. 4z (s.l.) (Pseudorasbora parva; gills; Amur River).--Gusev, A. V., 1955b, 299-300, 395, 397, fig. 48.

pseudorhomi Tripathi, Y. R., [1959a], 23, 41-43, 59, fig. 20 (Pseudorhombus triocellatus; Madras).

robusta Murray, F. V., 1931a, 496, pl. 20, fig. 4 (Sparus australis;gills;Victoria).

sciaenae (van Beneden & Hesse, 1863) Johnston, T. H.; & Tiegs, O. W., 1922a, 95.

siluri Zandt, F., 1924a, 231-233, 267, figs. 7-12(Silurus glanis;gills;Bodensee).--Balashov, Iu. S., 1953a, 77(Siluris glanis;Lake Iaskh).--Bykhovskaia, I. E.; & Bykhovskii, B. E., 1940a, 146, 147 (Silurus glanis;Sea of Azov).--Bykhovskii, B. E., 1933b, 244; 1936b, 250, 270 (Silurus glanis; Chu River).--Dogiel, V. A.; & Bykhovskii, B. E., 1934a, 256, 259, 261, 265, 282-283, 344 (Silurus glanis; Aral Sea).--Osmanov, S. O., 1954a, 102, 103 (Siluris glanis; gill; Amu-Darya delta).--Perevezevtaeva, I. N., 1945a, 54 (Silurus glanis; Syr-Darya River).--Siwak, J., 1932a, 670, 673, 674, 676-677, 679.--Yamaguti, S., 1937f, 6.--Zakhvatkin, V. A.; & Kulakivs'ka, O. P., 1951a, 152(syn.:A. vistulensis Sivak) (Siluris glanis; upper Dniester).

similis Price, E. W., 1937a, 119, 124, 125-127, figs. 10-13(Priacanthus arenatus, P. cruentatus;New York Aquarium).--Sproston, N. G., 1946a, 229, 535.--Tripathi, Y. R., [1959a], 59.

skrjabini Gusev, A. V., 1955b, 296, 298-299, 395, 397, fig. 46, 3 (s.l.) (Hemibarbus labeo;Amur River system).

spinicirrus Yamaguti, S., 1953b, 203, 207-209, 255, pl. I, fig. 3 (Drepane punctata;Macassar).--Tripathi, Y. R., [1959a], 58.

subaequalis Akhmerov, A. Kh., 1952a, 195, 196, 210, fig. 5d (s.l.) (Ctenopharyngodon idella; Amur River); 1959a, 107 (Ctenopharyngodon idella; RSFSR).

teuthis (MacCallum, 1915) Johnston, T. H.; & Tiegs, O. W., 1922a, 95.--Fuhrmann, O., 1928b, 14, fig. 19(Teuthis hepatus).--Price, E. W., 1937b, 119, 124-125, figs. 2-5(Acanthurus hepatus; New York Aquarium).--Sproston, N. G., 1946a, 229, 515.--Tripathi, Y. R., [1959a], 58.

thysanophrydis Yamaguti, S., 1937f, 1-3, 26, pl. 1, figs. 1-2 (Thysanophrys japonicus; gills; Tarumi, Hyogo Prefecture, Inland Sea); 1943h, [p. 1].--Sproston, N. G., 1946a, 229, 542.--Tripathi, Y. R., [1959a], 58.--Yin, W.-Y.; & Sproston, N. G., [1949a], 76-77, 78, 79, 80, 81, figs. 22-26 (Platycephalus punctatus; China).

triacanthi Tripathi, Y. R., [1959a], 23, 46-48, 59, fig. 23 (Triacanthus brevirostris; Chilka lake & Puri (Bay of Bengal), Orissa).

tylosuri (MacCallum, 1917) Johnston, T. H.; & Tiegs, O. W., 1922a, 95.--Price, E. W., 1937a, 126, 127, figs. 14-17 (Strongylura marina; gills; New York Aquarium).--Sproston, N. G., 1946a, 230, 541(Tylosurus marinus;New York Aquarium).--Tripathi, Y. R., [1959a], 58.

unicirrus Tripathi, Y. R., [1959a], 23,

39-41, 59, fig. 19 (Pomadasys maculatum; Puri (Bay of Bengal)).
vanbenedenii (Parona & Perugia, 1895) Johnston, T.H.; & Tiegs, O.W., 1922a, 95.--Butskaia, N.A., 1952a, 33, 34, 40 (Mugil capito, N. cephalus; Black Sea).--Chiaberashvili, E. A., 1957a, 130 (loban[Mugil cephalus]; Georgian SSR).--Ergens, R., 1960a, 56-57, 58, fig. 5 (s.l.)(Mugil saliens; gill filaments; Albania).--Euzet, L., 1957d, 472-473, fig. 4 (Mugil auratus; Etang de Thau).--Gusev, A. V., 1955a, 291-294, figs. 1-6 (s.l.)(Mugil labrosus, M. ramada; Black Sea, M. auratus, M. cephalus; Tumen Ula).--Sproston, N.G., 1946a, 230, 531(Mugil auratus; Mediterranean).
vesiculosus Murray, F.V., 1931a, 494-495, fig. 1, pl. 20, fig. 1(Platycephalus bassensis; Victoria).--Sproston, N.G., 1946a, 230, 534.--Tripathi, Y. R., [1959a], 59.
vistulensis Siwak, J., 1931b, 10-11 (Silurus glanis; branchies et teguments; Vistula); 1931a, 44; 1932a, 669-679, figs. A-G, pl. 42, figs. 1-6.--Sproston, N. G., 1946a, 230.
xesuri (Yamaguti, 1940) Tripathi, Y.R., [1959a], 59(spelled xensuri).
ANCYROCOTILE Massa, D., 1903a, 252, for Ancyrocotyle.
ANCYROCOTYLE Parona, C.; & Monticelli, F.S., (1902a), 47; 1903b, 117-123, pl. 3, figs. 1-6(mt: A. vallei); 1904a, 280.--Froissant, A., 1930a, 35.--Fuhrmann, O., 1928b, 6, 15, 20, 28.--Johnston, T. H., 1931b, 95.--Massa, D., 1903a, 252(Ancyrocotile); 1906a, 44, 48.--Meserve, F.G., 1938a, 34(Benedeniinae).--Monticelli, F. S., 1903c, 335 (subf. Ancyrocotylinae, fam. Tristomidae); 1907a, 6; 1908b, 12.--Price, E. W., 1939c, 64, 74-75 (Benedeniinae; Capsalidae).--Sproston, N.G., 1946a, 189, 328-329.
bartschi Price, E.W., 1934c, 1-2, pl. 1, figs. 1-2 (Naucrates ductor; gills; Puerto Rican deep); 1939c, 75.--Palombi, A., 1942c, 1-4 (as syn. of A. vallei); 1949b, 257-259, fig. 24.--Sproston, N. G., 1946a, 329, 330, 531, fig. 66 c-g.
vallei (Parona & Perugia, 1895) Parona, C.; & Monticelli, F.S., 1903b, 117-121, pl. 3.--Palombi, A., 1942c, 1-4, fig. 1a; 1949b, 257-259, fig. 24 (syn.: Placunella vallei, A. bartschi).--Price, E.W., 1934c, 2.--Sproston, N.G., 1946a, 329, 531, fig. 66 a-b.
ANCYROCOTYLINAE Monticelli, F.S., 1903c, 335 (subf. of Tristomidae); 1908b, 16.--Bykhovskii, B.E., 1937a, 1363.--Froissant, A., 1930a, 35.--Fuhrmann, O., 1928b, 28.--Johnston, T.H., 1929a, 74; 1931b, 95.
ANENTEROTREMA Stunkard, H. W., 1938d, 42, 45 (tod: A. auritum)(family sedis incertae).--Premvati[1959a], 641 (key).
auritum Stunkard, H.W., 1938d, 42-45, 48, fig. 4 (tod)(Micronycteris megalotis mexicana; Xmahit Cave, Tekax & Xconsacab, Tizamin, Yucatan).
singulare Stunkard, H.W., 1938d, 43, 45-46, 48, fig. 5 (Natalus mexicanus; Balaam Canche Cave, Chichen Itza, Yucatan).
stunkardi Caballero y C., E.; & Grocott, R.G., 1960a, 245-247, figs. 2-3(Phyllostomus hastatus panamensis; small intestine; Panama).
ANENTEROTREMATIDAE Yamaguti, S., 1958a, 803.
ANEPITHELIOCYSTIDA LaRue, G. R., 1957a, 325, 326, 327, 328, 331 (superorder of Digenea, includes Strigeatoidae La Rue, 1926, Echinostomida & Renicolida).
ANGIODICTGUM Looss, A., 1902m, 648 (misprint for Angiodictyum).
ANGIODICTYDAE Fuhrmann, O., 1928b, 98.
ANGIODICTYIDAE Looss, A., 1902m, 484, 617-684(anatomy, histology), 683(diagnosis, key to genera), 699, 843(includes Deuterobaris, Octangium, Microscaphidium, Angiodictyum, Polyangium).--Fuhrmann, O., 1928b, 53, 64, 96, 102.--Fukui, T., 1929b, 309, 313, 333-334.--Kobayashi, H., 1915c, 369, 371.--Ozaki, Y., 1934a, 380; 1934b, 82; 1937a, 158 (lymph system); 1937b, 201, 206, 207, 208, 210, 212, 237, 238.--Poche, F., 1926b, 223.--Price, E.W., 1937e, 488.--Skrjabin, K.I., 1923, 4; 1923, 196; 1942a, 60.--Sprehn, C. E. W., 1932c, 180, 202.--Stunkard, H.W., 1943b, 143 (as syn. of Microscaphidiidae).--Willey, C.H., 1930e, 6, 7, 8, 10.
ANGIODICTYINAE Yamaguti, S., 1958a, 510 (includes; Angiodictyum, Deuterobaris, Microscaphidium, Polyangium).
ANGIODICTYUM Looss, A., 1902m, 433, 632, 634, 639, 641, 642, 645, 647, 648, 652, 657, 658, 665, 666, 668, 675, 679, 681, 683, 684, 688-689 (diagnosis, mt: parallelum), 691, 698, 699.--Fukui, T., 1929b, 333, 334, 335.--Fuhrmann, O., 1928b, 55, 102.--Odhner, T., 1911e, 182, 184, 185.--Ozaki, Y., 1934a, 380; 1937b, 208.--Price, E.W., 1937e, 488.--Ruiz, J.M., [1943b], 42(key).--Travassos, L.P., 1934c, 129.--Willey, C. H., 1930e, 6.
parallelum (Looss, 1901) Looss, A., 1902m, 632, 689-690, 696, 698, pl. 29, figs. 134-136, pl. 30, figs. 137-142.--Fuhrmann, O., 1928b, 56, fig. 69.--

Fukui, T., 1929b, 335, 348 (Chelone mydas). --Gohar, N., 1934a, 331 (Chelone mydas; Egyptian coast). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 40; 1942a, 117. --Nigrelli, R. F., 1941b, 15. --Ozaki, Y., 1934b, 82. --Travassos, L. P., 1934c, 129, 130, figs. 78-79.

ANISOCLADIINAE Yamaguti, S., 1958a, 235-236.

ANISOCLADIUM Looss, A., 1902e, 637 (new name for Anisogaster Looss, 1901, 658 (not Anisogaster Deyr, 1863, coleopteron) hence type fallax); 1902m, 789. --Fuhrmann, O., 1928b, 105. --Poche, F., 1926b, 165 (Acanthostomidae). --Price, E. W., 1940c, 10 (Acanthostomidae, Anisocoeliinae).

fallax (Rudolphi, 1819) Looss, A., 1902m, 789. --Janiszewska, J., 1953b, 35, 47, 48 (Uranoscopus scaber; Adriatic sea near Split).

gracilis (Looss, 1901) Vlasenko, P.V., 1931a, 93, 114, fig. 19 (Uranoscopus scaber; Black Sea). --Janiszewska, J., 1953b, 34-35, 47, 48 (Uranoscopus scaber; Adriatic Sea near Split).

ANISOCOELIINAE Looss, A., 1901e, 658. --Price, E. W., 1940c, 10.

ANISOCOELINAE Pratt, H. S., 1902a, 888, 894 (key) 899 (for Anisocoeliinae Looss) contains Anisocoelium & Anisogaster.

ANISOCOELIUM Luehe, M. F. L., 1900w, 504-507 (mt: capitellatum). --Fuhrmann, O., 1928b, 105. --Looss, A., 1901e, 656, 658, 659; 1901b, 206. --Odhner, T., 1905a, 314. --Poche, F., 1926b, 165 (Acanthostomidae). --Pratt, H. S., 1902a, 888, 895 (key), 899. --Price, E. W., 1940c, 10.

capitellatum (Rudolphi, 1819) Luehe, M. F. L., 1900w, 504-507, 508; 1901n, 399. --Chulkova, V. N., 1939a, 22 (Trachinus draco; Batum). --Fuhrmann, O., 1928b, 74. --Janiszewska, J., 1953b, 33-34, 47, 48 (Uranoscopus scaber; gall bladder; Adriatic sea near Split). --Looss, A., 1901e, 656-658, 659, 660, fig. 12; 1902, 789. --Mathias, P., 1934a, 572-574, fig. 3 (Uranoscopus scaber; Banyuls, Eastern Pyrennees). --Monod, T., 1923a, 5. --Nicoll, W., 1910a, 371. --Stossich, M., 1901a, 97 (Uranoscopus scaber; gall bladder). --Timon-David, J., 1937a, 7-8, 22, fig. 5 (Uranoscopus scaber; bile ducts; gulf of Marseille). --Vlasenko, P.V., 1931a, 92, 93, 113-114, fig. 18 (Uranoscopus scaber; gut; Black Sea).

fallax (Rudolphi, 1819) Fuhrmann, O., 1928b, 74.

hippoglossi MacCallum, G. A., 1921c, 163, fig. 80 (Hippoglossus hippoglossus, gullet; Gloucester, Massachusetts).

ANISOCOTYLIDAE Tagliani, G., 1912a, 307, 309.

ANISOCOTYLINAE Monticelli, F.S., 1903c, 336 (fam. Monocotylidae); 1904b, 118; 1905c, 70, 71. --Johnston, T.H.; & Tiegs, O. W., 1922a, 114, 124, 125 (in part as syn. of Merizocotylinae).

ANISOGASTER Looss, A., 1901e, 658 (tod: fallax Rudolphi) [not Anisogaster Deyr, 1863 coleopteron] renamed Anisocladium Looss, A., 1902e, 637; 1902e, 789. --Fuhrmann, O., 1928b, 105. --Pratt, H. S., 1902a, 888, 894 (key), 899. --Price, E. W., 1940a, 10. --Stiles, C. W., 1912f, 507.

fallax (Rudolphi, 1819) Looss, A., 1901e, 658-660, 661, fig. 13 (tod). --Chulkova, V. N., 1939a, 22 (Trachinus draco; Batum).

gracilis Looss, A., 1901e, 660-661, fig. 14 (Uranoscopus scaber; Triest). --Vlasenko, P.V., 1931a, 92 (Uranoscopus scaber; Black Sea).

ANISOPORUS Ozaki, Y., 1928a, 21 (tod: A. coebraeformis). --Harshey, K.R., 1937a, 73 (Opecoelinae) (key). --Manter, H. W., 1947a, 285, 287, 288, 295 (Opecoelidae; Opecoelinae). --Read, C.P., 1947a, 233.

species Hunninen, A.V.; & Cable, R.M., 1940a, 33 (Syngnathus fuscus, Paralichthys dentatus, Fundulus heteroclitus, Amphithoe longimana, Apeltes quadracus, Mitrella lunata, Carinogammarus mucronatus).

coebraeformis Ozaki, Y., 1928a, 21-22, 24, fig. 12 (tod) (Diacocus [i.e. Daicocus] peterseni; intestine; Japan). --Read, C. P., 1947a, 233. --Yamaguti, S., 1934a, 355-356, fig. 53.

eucinostomi Manter, H. W., 1940a, 325, 360-362, 447, 450, 468, 469, pl. 36, figs. 32-33 (Eucinostomum californiensis; intestine; Port Utria, Colombia, Polynemus approximans; intestine; Bahia Honda, Panama). --Von Wicklen, J.H., 1946a, 159, 161 (as syn. of Opecoeloides eucinostomi).

manteri Hunninen, A.V.; & Cable, R.M., 1940b, 373-374 (Syngnathus fuscus, Paralichthys dentatus, Fundulus heteroclitus, Apeltes quadracus); 1941b, 415-428, pls. 1-2, figs. 1-11 (Syngnathus fuscus, Paralichthys dentatus, Hippoglossoides platessoides, Apeltes quadracus, Fundulus heteroclitus, F. majalis, Carinogammarus mucronatus, Amphithoe longimana, Mitrella lunata; Waquoit Bay, Cape Cod, Massachusetts). --Siddiqi, A. H.; & Cable, R.M., 1960a, 301, 350 (as syn. of Opecoeloides vitellosus).

thyrinopsi Manter, H. W., 1940a, 325, 362, 451, 468, 469, pl. 36, fig. 34 (Thy-

rinops pachylepis;intestine;Port Utria, Colombia); 1947a, 288.--Read, C.P., 1947a, 233.--Skrjabin, K.I.; & Petrov, A.M., 1958a, 212, 217(as syn. of Opecoeloides thyrinopsi).

ANISORCHIS Polianskii, I.I., 1955a, 54, (mt: A. opisthorchis).

opisthorchis Polianskii, I.I., 1955a, 54, 55-59, figs. 19-20(mt)(Leptagonus decagonus, Cottunculus microps; intestine; Barents Sea).--Shul'man, S.S.; & Shul'man-Al'bova, R.E., 1953a, 45, 150 (Agonus cataphractus, Leptagonus decagonus; intestine; White Sea).

ANKYROCOTYLE Vlasenko, N.M., 1928a, 248(tod: A. baikalense).

baikalense Vlasenko, N.M., 1928a, 248 (tod) (Thymallus arcticus; branchies; Irkoutsk).--Bauer, O.N., 1948a, 383, 384, 386 (as syn. of Tetraonchus).--Layman, E.M., 1933b, 14, 17, 23, 25, 70, 72(Thymallus arcticus var. brevipinnis, T. a. var. baicalensis; gills; Lake Baikal, USSR).--Markevich, A.P., [1952a], 219, fig. 153.

ANOIKTOSTOMA Stossich, M., 1899c, 11, 15-16(coronatum=corvinae=aloysiae).--Fuhrmann, O., 1928b, 105.--Looss, A., 1899b, 580, 582, 583(tld:coronatum=corvinae=aloysiae), 625.--Poche, F., 1926b, 165.--Price, E.W., 1940c, 10 (Acanthostomidae, Acanthostominae).

1901: Anoitostoma Vaullegeard, A., 1901b, 143.

1902: Anoiktastoma Pratt, H.A., 1902a, 888, 894 (key).

aloysiae (Stossich, 1885) Stiles, C.W.; & Hassall, A., 1908b, 99.

cesticillus (Molin, 1858) Stossich, M., 1899c, 15 (includes Distomum bicoronatum Stossich, 1883, 113, pl. 1, figs. 1-3) (Corvina nigra, Umbrina cirrhosa, Lophius piscatorius, Zeus faber).--Caballero y Caballero, E., 1952a, 8 (as syn. of Stephanostomum cesticillum).--Looss, A., 1899b, 576 (type of Stephanostomum)

coleostomum (Looss, 1896) Stossich, M., 1899c, 15.--Looss, A., 1899b, 585 (type of Ascocotyle).

coronarium (Cobbold, 1861) Stossich, M., 1899c, 16(Alligator mississipiensis).—Looss, A., 1899b, 578 (to Acanthostomum).--Braun, M.G.C.C., 1901b, 35, 36(to Acanthochasmus).

coronatum (Wagener, 1852) Stossich, M., 1899c, 15 (including Distomum corvinae & D. aloysiae Stossich)(Corvina nigra; intestine); [name not available, see corvinae] (type by designation of Looss, A., 1899b, 583).--Odhner, T., 1911h, 523.

corvinae (Stossich, 1886)(tod)Looss, A., 1899b, 581-583(see aloysiae, 1885).--Stiles, C.W.; & Hassall, A., 1908b, 99.

cuspidatum (Looss, 1896) Stossich, M., 1899c, 15 (Milvus parasiticus; intestine; Egypt).--Looss, A., 1899b, 584 (to Centrocestus as type).--Sprehn, C.E.W., 1932c, 249.

fallax (Rudolphi, 1819) Stossich, M., 1899c, 16 (Uranoscopus scaber; intestine)(Type of Anisogaster; 1901; type of Anisocladium, 1902).

hystrix (Dujardin, 1845) Stossich, M., 1899c, 15 (Lepidoleprus trachyrhynchus, Lophius piscatorius, Merlangus carbonarius).--Looss, A., 1899b, 576 (to Stephanostomum).

inbutiforme (Molin, 1859) Stossich, M., 1899c, 16(Labrax lupus; intestine).

inflatum (Molin, 1859) Stossich, M., 1899c, 16(as doubtful)(Anguilla; intestine).

lydiae (Stossich, 1896) Stossich, M., 1899c, 15 (Orthagoriscus mola; intestine).--Looss, A., 1899b, 576 (to Stephanostomum).

planicolle (Rudolphi, 1819) Braun, M.G.C.C., 1901f, 567 (sub. Anoictostoma); 1902b, 28, fig. 20 (includes Distomum planicolle)Rudolphi, C.A., 1819a, 687; Dujardin, F., 1845a, 430, Monostomum echinostomum Diesing, K.M., 1850a, 326.--Monticelli, F.S., 1892, 30, Distomum (Echinostomum) planicolle of Brandes, G.P.H., 1892b, 506).--Cable, R.M.; Connor, R.S.; & Balling, J.W., 1960a, 215-217, 248, figs. 28-29 (as syn. of Opisthometra planicolle).--Chatterji, R.C., 1933c, 38.

pristis (Deslongchamps, E.E., 1824) Stossich, M., 1899c, 15(Gadus euxinus; intestine).--Looss, A., 1899b, 576 (to Stephanostomum).

scabrum (Mueller, 1788) Stossich, M.A., 1899c, 16(Gadus morrhua, Merlangus pollachius, Lota molva; intestine). Looss, A., 1899b, 576 (to Stephanostomum).

sobrinum (Levinsen, G.M.R., 1881) Stossich, M., 1899c, 15 (Cottus scorpius; intestine).--Looss, A., 1899b, 576 (to Stephanostomum).

spiniceps (Looss, 1896) Stossich, M., 1899c, 15(Bagrus bayad; intestine).--Looss, A., 1899b, 578, 582(to Acanthosomum as type).

ANOIKTOSTOMATINAE Yamaguti, S., 1958a, 238 (emend. for Anoiktostominae Nicoll, 1914).

ANOIKTOSTOMINAE Nicoll, W., 1915c, 347.--Chatterji, R.C., 1933c, 38.--Price, E.W., 1940c, 9(as syn. of Acanthostominae Nicoll, 1914).

ANOITOSTOMA Vaullegeard, A., 1901b, 143 (Misprint for Anoictostoma Stos-

sich).
ANOMALOTREMA Zhukov, E.V., 1957a, 840, 846 (tod: A. putjatini) (Opecoelidae Ozaki).
putjatini Zhukov, E.V., 1957a, 840-841, 846, fig. 1 (tod) (Pleurogrammus azonus, Hemilepidotus gilberti; intestine; Sea of Japan).
(ANOMOLECITHUS) Odening, K., 1958a, 63, 66, 68, 69, 106 (subg. of Haematoloechus) (tod: Haematoloechus (A.) asper).
ANONCHOHAPTOR Mueller, J.F., 1938b, 220-221 (tod: A. anomalum). --Fischthal, J. H.; & Allison, L. N., 1941a, 519, 521, 522 (Calceostomatidae). --Tripathi, Y. R., [1959a], 65 (key). --Sproston, N. G., 1946a, 118, 257, 259-260.
anomalum Mueller, J. F., 1938b, 221, 229, 231, pl. 1, figs. 1-6 (tod) (Catostomus commersonnii, Hypentelium nigricans, Moxostoma duquesni; Chautauqua Lake, New York). --Fischthal, J. H., 1947a, 167, 218 (Catostomus c. commersonnii; Wisconsin). --Sproston, N. G., 1946a, 260, 261, 519, 527, 530, figs. 35 a-d.
ANOPLOCOTYLE Palombi, A., 1943h, 1 (mt.: A. australis).
australis (Johnston, 1930) Palombi, A., 1943b, 1-3.
ANOPLODISCINAE Tagliani, G., 1912a, 307, 310. --Price, E.W., 1938c, 183, 188 (as syn. of Microbothriinae nom. nov.).
ANOPLODISCUS Sonsino, P., [1890m], 172 (mt: richiardii); 1891g, 147-148. --Braun, M.G.C.C., 1891d, 422; 1893a, 890. --Brinkmann, A., 1940a, 82. --Fischthal, J.H.; & Allison, L. N., 1941a, 519, 520-521, 522 (Calceostomatidae). --Froissant, A., 1930a, 35. --Fuhrmann, O., 1928b, 28. --Gallien, L., 1937a, 13. --Gamble, F.W., 1896a, 73; 1901a, 73. --Johnston, T. H.; & Tiegs, O.W., 1922a, 85, 122, 123-124, 125. --Manter, H. W., 1938b, 297. --Monticelli, F.S., 1892a, 213 (g. of Calceostominae); 1903c, 336 (subf. Anisocotylinae); 1905c, 65, 66, 68, 70. --Perrier, E., 1897a, 1806. --Pratt, H. S., 1900a, 646 (key), 654. --Price, E. W., 1936b, 11 (Microbothriidae); 1938c, 183, 187-188. --Saint-Remy, G., 1898a, 522, 524. --Sproston, N.G., 1946a, 188, 257, 260-261.
australis Johnston, T. H., 1930b, 108-112, figs. 1-3 (Sparus australis; fin). --Sproston, N.G., 1946a, 262, 540, figs. 36 a-c.
richiardii Sonsino, P., [1890m], 172 (Pagrus orphus); 1891g, 147-148. --Braun, M. G. C. C., 1891d, 422. --Brinkmann, A., 1940a, 82. --Johnston, T.H.; & Tiegs, O.W., 1922a, 123, 124. --Monticelli, F.S., (1891i), 108; 1905c, 65-68, figs. 1-3 (P. orphus). --Palombi, A., 1943b, 1-3. --Parona, C., 1894a, 138, 672 (Pisa). --Perrier, E., 1897a, 1806. --Price, E. W., 1938c, 187. --Sproston, N.G., 1946a, 261, 532.
(ANTEPHARYNGEUM) Witenberg, G.G., 1923b, 99, 108, 110, 117 (subg. of Cyclocoelium); 1926a, 148, 149, 151; 1928a, 416-417. --Johnston, T.H.; & Simpson, E.R., 1940c, 276. --Joyeux, C. E.; & Baer, J.G., 1927b, 417, 419, 420.
ANTHOCOTILE Parona, C.; & Perugia, A., 1890b, 67, for Anthocotyle.
ANTHOCOTYLE van Beneden, P. J.; & Hesse, C. E., 1863a, 104; 1864a, 96, 104 (mt.: A. merluccii). --Benham, W. B.S., 1901a, 51, fig. 116. --Braun, M.G. C. C., 1890a, 413, 415, 516, 517, 523, 534, 536, 546; 1893a, 890. --Cerfontaine, P., 1895d, 476-478; 1895e, 510-527, pl., figs. 1-9; 1895g, 536; 1895h, 913, 918, 920; 1896b, 422-423; 1896d, 497-510, 514, 515; 1899a, 345, 391. --Froissant, A., 1930a, 11, 37, fig. 15. --Fuhrmann, O., 1928b, 30. --Gamble, F.W., 1896a, 73; 1901a, 73. --Hoyle, W. E., 1888a, 539. --Lameere, A.A.L.G., 1929-30a, 245, fig. 258. --Monticelli, F.S., 1888a, 11, 66, 86, 89, 99; 1892a, 213 (subf. of Octocotylinae); 1903c, 336 (subf. Diaphorocotylinae). --Perrier, E., 1897a, 1806. --Pratt, H.S., 1900a, 646, 653 (key), 656, fig. 37. --Price, E. W., 1943a, 13-14. --Saint-Remy, G., 1898a, 556. --Scott, T., 1901a, 148. --Sonsino, P., 1895a, 118-121; 1896h, 780. --Sproston, N.G., 1946a, 190, 415, 416. --Taschenberg, O., 1879c, 69; 1879g, 238, 247. --Tripathi, Y.R., [1959a], 112, 115.
americanus (MacCallum, 1916) Price, E. W., 1943a, 11, 14-15, fig. 1 (I-M) (Merluccius bilinearis; Woods Hole, Massachusetts).
merluccii van Beneden, P.J.; & Hesse, C.E., 1863a, 105, pl. 10, figs. 8-12 (Merluccius vulgaris; brancies); 1864a, 105, pl. 10, figs. 8-12 (Merluccius vulgaris). --Benham, W.B.S., 1901a, 53, fig. 116. --Brinkmann, A. (jr.), [1952a], 4, 103-105, fig. 20 (Merluccius merluccius; gills; Norwegian waters). --Bykhovskii, B.E.; & Nagibina, L.F., 1954a, 37, fig. 10. --Cerfontaine, P., 1895e, 510, 511-525, figs. 1-8; 1896d, 497, 500, 510. --Froissant, A., 1930a, 59, 66, fig. 25. --Fuhrmann, O., 1928b, 29, fig. 38. --Llewellyn, J., 1954a, 430; 1956a, 116, 117, 119, 120, 124, 127, pl. 1, fig. 8, pl. 2, fig. 6 (Merluccius merluccius; Plymouth); 1957b, 244, 249, 251, pl., figs. 11, 21. --Palombi, A., 1949b, 335-337, fig. 64 (Merluccius

merluccius (=M. esculentus, =M. vulgaris; Genova, Pisa).--Parona, C., & Perugia, A., 1890b, 63.--Perrier, E., 1897a, 1765, 1806, fig. 1206.--Pratt, H. S., 1900a, 656, 657, fig. 37.--Price, E. W., 1943a, 14.--Rees, F. G.; & Llewellyn, J., 1941a, 392, 393 (Merluccius merluccius; Irish Atlantic Slope).--Scott, T., 1901a, 148, pl. 8, fig. 4 (M. merlucius; Aberdeen).--Sproston, M. G., 1946a, 416-418, 511, 529, fig. 97 a-c.--Stafford, J., 1904b, 482 (M. bilinearis; Canada); 1907a, 92.
merluccii (of Stafford, 1904) Price, E. W., 1943a, 14 "more likely is the same as A. americanus".
merlucii Taschenberg, O., 1879g, 247 (for merluccii).--Braun, M. G. C. C., 1900a, 419, 453, 510, 536, 548, 551.--Hoyle, W. E., 1888a, 539.--Monticelli, F. S., 1888a, 7, 8.--Sonsino, P., 1895a, 118, 119, 120.
merlucii americanus MacCallum, G. A., 1916c, 25-27, figs. 10, 10A (Merlucius biliniaris).--Linton, E., 1940a, 14, pl. 16, figs. 200-201 (Merluccius bilinearis; Woods Hole, Massachusetts).
merlus MacCallum, G. A., 1916c, 25.
ANTHOCOTYLIDAE Bykhovskii, B. E., 1957a, 38, 69, 95, 271, 273, 278, 304, 305, 312, 314, 318, 341, 423, 424, 426-428, 445, 446, 453, 458, 468 (syn.: Discocotylidae Price, 1936 in part; Anthocotylinae Price, 1936).
ANTHOCOTYLINAE Price, E. W., 1936b, 13 (Discocotylidae); 1943a, 10, 13 (syn.: Diaphorocotylinae Monticelli, 1903 in part).--Sproston, N. G., 1946a, 415 (key).--Tripathi, Y. R., [1959a], 114.
(ANTODERA) Pigulevskii, S. V., [1953b], 626, 632, 648, 649 (type: Gorgodera (Antodera) amplicaza Looss, 1899).
ANTORCHIINAE Yamaguti, S., 1958a, 33 (includes: Antorchis Linton, 1911; Faustula Poche, 1926).
ANTORCHINAE Skrjabin, K. I.; & Koval, V. P., 1957a, 168, 169, 313-336 (includes: Antorchis Linton, 1911; Orientophorus Srivastava, 1935; Parantorchis Yamaguti, 1934; Pseudodiscogasteroides Gupta, 1953).
ANTORCHIS Linton, E., 1911a, 303 (new name for Mesorchis).--Poche, F., 1926b, 173.--Travassos, L. P.; Artigas, P.; & Pereira, C., 1928a, 37 (type: A. urna (Linton)).
holacanthi Siddiqi, A. H.; & Cable, R. M., 1960a, 257, 264, 285, 340, fig. 44 (Holacanthus tricolor, H. ciliaris; ceca; Parguera, Puerto Rico).
lintoni Travassos, L. P.; Artigas, P.; & Pereira, C., 1928a, 37-38, pl. 12, fig. 129 (Astyanax fasciatus; intestine; Brazil).
urna (Linton, 1910) Linton, E., 1911a, 303.--Manter, H. W., 1947a, 320, 372, 374 (Holacanthus ciliaris, H. isabelita, Pomacanthus arcuatus, P. aureus; intestine, Tortugas, Florida).--Perez Vigueras, I., 1955b, 232-233, fig. 39 (Pomacanthus arcuatus; intestine; Havana).--Siddiqi, A. H.; & Cable, R. M., 1960a, 264, 285-286, 341, figs. 45-46 (Pomacanthus arcuatus; off Puerto Real, Puerto Rico).--Skrjabin, K. I.; & Koval, V. P., 1957a, 314-317, fig. 95 (Angelichthys isabelita).--Sogandares-Bernal, F., 1959b, 101 (Pomacanthus aureus; pyloric ceca & intestine; N. Bimini, British West Indies).
AORCHIS Barker, F. D.; & Parsons, S., 1914b, 193-194 (mt: A. extensus).--Fuhrmann, O., 1930a, 131 (as syn. of Heronimus MacCallum).--Ward, H. B., 1918a, 385.
extensus Barker, F. D.; & Parsons, S., 1914b, 193-194 (mt) (Chrysemys marginata; lung; Minnesota Lakes & Mississippi river); 1917a, 55-66, pls. 6-7.--Harrah, E. C., 1922a, 11, 12.--McKnight, T. J., 1959a, 1106 (Kinosternon subrubrum; Lake Texoma, Oklahoma).--Poche, F., 1926b, 242.--Stunkard, H. W., 1919a, 11-18 (as syn. of Heronimus chelydrae).--Ward, H. B., 1917c, 3; 1918a, 385, fig. 669.
(APATEMON) Dubois, G., 1953a, 40.
APATEMON Szidat, L., 1928d, 205, 206, 207, 208 (tod: A. gracilis); 1929a, 644, 647, 648, 680; 1929b, 690, 728.--Dubois, G., 1936a, 510; 1938b, 28, 96-97, 110 (syn.: Pseudostrigea Yamaguti, 1933); 1953a, 40; Dubois, G.; & Fain, A., 1956a, 28-30 (key).--Fuhrmann, O., 1928b, 128.--Gower, W. C., 1938c, 33, 64; 1939a, 594.--Lutz, A., 1931a, 341, 351.--Pande, B. P., 1939b, 25-26.--Sprehn, C. E. W., 1932c, 347, 350.--Sudarikov, V. E., 1959b, 529-531 (syn.: Strigea Abildgaard, 1790 ex parte); 1959b, 530, 565 (ex parte as syn. of Australapatemon).
species Kurashvili, B. E., [1954a], 341 (Ardea cinerea; Georgian SSR).
species Kurashvili, B. E., 1957a, 123 (Ardea c. cinerea; stomach, Georgian SSR).
species (of Szidat) Shevchenko, N. N., 1956b, 277 (carp; northern Donets).
species Yamaguti, S.; & Mitunaga, Y., 1943c, 312, 329 (Anas boschas domestica; Formosa).
bdellocystis Lutz, A., 1933b, 389 (provisional name) (doves).
buteonis (Yamaguti, 1933) Dubois, G., 1938b, 97, 109-110; 1953a, 42, 44 (subg. Pseudostrigea).

casarcus Vidyarthi, R. D., 1937a, 317-318, fig. 2 (Casarca ferruginea; small intestine; Allahabad, U. P., India). --Bhalerao, G. P., 1942f, 209. --Dubois, G., 1938b, 490. --Pande, B. P., 1939b, 26, 27. --Sudarikov, V. E., 1959b, 540 (as syn. of Apatemon gracilis indicus).

elassocotylus Dubois, G., 1934b, 9-11, figs. 6-9 (Limosa melanura; intestine); 1936a, 512 (as syn. of Pseudapatemon elassocotylus).

fuhrmanni Dubois, G., 1937b, 232 (syn.: A. gracilis Fuhrmann, 1934) (Cygnus olor); 1937c, 392; 1938b, 97, 98-99, 476, 477, figs. 39-40; 1948a, 449-450, 472 (Chenopis atrata; intestine; Switzerland).

fuligulae Yamaguti, S., 1933b, 1, 7-12, 14, 15, fig. 3-4 (Pseudobagrus aurantiacus, Parasilurus asotus; skin & flesh; Japan, Fuligula fuligula; small intestine; Lake Biwa, Japan, Melanitta fusca stejnegeri; small intestine; Lake Biwa; Japan, Anas domestica; small intestine; Lake Biwa, Japan); 1939d, 131, 200. --Belopol'skaia, M. M., 1953b, 144 (Somateria mollissima; small intestine; Sem Ostrovov). --Dubois, G., 1938b, 97, 99-100, 103, 476, 477, figs. 41-42. --Gower, W. C., 1938c, 64, 73, 74; 1939a, 594, 617, 621 (Oidemia fusca, Anas p. platyrhynchos, Nyroca fuligula). --Hoffman, G. L., 1960a, 442-443, fig. 2 (life cycle). --Olivier, L. J., 1940b, 452. --Ryzhikov, K. M., 1956b, 133, 139 (Nyroca fuligula; Georgia SSR). --Sudarikov, V. E., 1959b, 552, 557, figs. 166-167 (syn.: A. gracilis fuligulae Yamaguti, 1933) (Nyroca ferina, Clangula clangula, Mergus albellus); 1959b, 557-558 (metacercaria of A. fuligulae Yamaguti, 1933 - Tetracotyle fuligulae Yamaguti, 1933).

glacialis Gower, W. C., 1939a, 618 (for gracilis).

globiceps Dubois, G., 1937c, 392 (syn.: A. spherocephalus (Brandes, 1888 nec Westrumb); 1938a, 146-147; 1938b, 97, 100-101, 476, fig. 43 (Anas brasiliensis, Cairina moschata); 1953a, 40, 43. --Caballero y Caballero, E.; & Diaz-Ungria, C., 1958a, 21 (Nettion brasiliense; intestine; Venezuela). --Muchlis, A., 1959c, 7 (Indonesia). --Olivier, L. J., 1940b, 452 (syn.: Cercaria burti Miller) (life history) (domestic duck, Helisoma antrosum, Herpobdella punctata).

graciliformis Szidat, L., 1928d, 205, 208, 213, (Anas moschata); 1929b, 728, 730, fig. 24. --Dubois, G., 1938a, 147 (Cairina moschata); 1938b, 97, 101-102, 476, fig. 44; 1953a, 40, 43 (key). --Gower, W. C., 1938c, 65, 73; 1939a, 594, 618. --Lutz, A., 1931a, 341, 352. --Sudarikov, V. E., 1959b, 540, fig. 161 (as syn. of A. gracilis graciliformis). --Yamaguti, S., 1933b, 7.

gracilis (Rudolphi, 1819) Szidat, L., 1928d, 205, 208, 213 (tod) (Mergus merganser); 1929a, 626, 633, 641, 648, 679, figs. 4, 5, 11, pl. 8, fig. 2; 1929b, 728-730, fig. 23 (Mergus merganser, M. albellus, M. serrator, Anas fusca, A. clangula, A. nigra, Anser albifrons, Anas boschas fer., Harelda glacialis, Nyroca ferina, N. clangula); 1929c, 133-149; 1931a, 160-172. --Ablasov, N. A.; & Iksanov, K. I., [1959a], 20 (Mergus merganser; intestine; Kirgizia). --Artsimovich, Z. A., 1959a, 12 (Anas platyrhynchos domesticus; intestine; Odessa oblast). --Baylis, H. A., 1939a, 474 (Mareca penelope; Cheshire, British Islands). --Belopol'skaia, M. M., 1954a, 27 (Clangula clangula, Mergus serrator, M. squamatus; Sudzukhinsk preserve, Maritime province). --Bennike, S. A. B., 1943a, 8, 85, 91 ("trematodes possibly A. (Strigea) gracilis") (Haemopis sanguisuga, Herpobdella octoculata; Denmark). --Beverley-Burton, M., [1959a], 31, 32, 33 (Anas p. platyrhyncha, A. penelope, A. c. crecca; near Ipswich, Suffolk). --Bykhovskaia, I. E., (Pavlovskaia), [1945b], 66-67, 104 (Anas acuta; western Siberia); 1955a, 139, 149 (Anas strepera, Mergellus albellus; Tadzhikistan). --Caballero y Caballero, E.; & Vogelsang, E. G., 1949a, 47-51, fig. 2 (Cathartes urubu; Caracas, Venezuela). --Cannon, D. G., 1938a, 275, 276-277 (Glaucionetta clangula americana; small intestine; eastern Canada). --Dobrowolski, K. A., 1958a, 183, 184, 186, 187, 189, 190, 191, 192, 193, 194 (Herpobdella octoculata, Helobdella stagnalis, Glossiphonia complanata, Herpobdella testacea, H. t. monostriata, H. t. nigricollis, Glossiphonia heteroclita, G. h. papillosa, G. h. hyalina, G. h. striata, G. complanata concolor, Haemiclepsis marginata, Theromyzon tessulatum, Piscicola geometra, Boreobdella verrucata; Druzno Lake, Poland). --Dubois, G., 1932c, 393; 1938b, 96, 97, 102-105, 476, 477, figs. 45-47 (Anas platyrhyncha, A. p. domestica, A. querquedula, Melanitta fusca, Somateria mollissima); 1951a, 46, 48-49 (Anas rubripes, A. carolinense, Mareca americana, M. penelope); 1953a, 30 (as syn. of Strigea vaginata) 40, 41 (cercaria) 43 (key) (subg. Apatemon). --Dubois, G.; & Rausch, R., 1948a, 29, 32-37, 59, figs. 1-5 (Branta c. canadensis, Anas discors; Wisconsin, Aythya

affinis;Michigan);1950a, 1, 4-5, 7, fig. 3 (Mergus serrator, intestine; Ohio); 1960a, 79.--Frömming, E., 1932a, 157 (Bithynia tentaculata, Herpobdella atomaria, Haemopsis sanguisuga, ducks). --Fuhrmann, O., [1934b], 107 (Cygnus olor; intestine; Lake Tekarn, Sweden).--Ginetsinskaia, T. A., 1949c, 83-84 (Anas platyrhyncha, A. strepera; Volga delta); 1959a, 65, 73 (Planorbis planorbis, [Anatinae], leach; Rybinsky reservoir). --Golikova, M. N., 1960e, 86. --Gower, W. C., 1938c, 65, 72, 73, 74; 1939a, 594, 617, 618, 619, 620, 621, 622, (Mergus merganser, M. albellus, M. serrator, Anas fusca, A. clangula, A. nigra, Anser albifrons, Anas boschas ferox, Heralda glacialis, Nyroca ferina, N. clangula, Anas platyrhynchos, Clangula hyemalis, Glaucionetta clangula, Mergellus albellus, Oidemia fusca, O. nigra). --Ishii, N., 1932b, 16. --Kotel'nikov, G. A., 1958a, 41 (ducks; Akmolinsk oblast) (prophylaxis). --Kurashvili, B. E., [1954a], 341 (Nyroca ferina; Georgian SSR); 1956d, 940 (zoogeographical characteristics); 1957a, 122-123, fig. 54 (Aythya ferina, Anas platyrhynchos, Anser a. albifrons, Mergus albellus, Bucephala clangula, Melanitta fusca; Georgian SSR).--Lee, Y. C.; et al., 1957a, 62, 64, 67 (ducks; Taiwan). --Lutz, A., 1931a, 341, 352. --Miller, M. J., 1937b, 91, 100 (domestic pigeons). --Olivier, L. J., 1940b, 452. --Panin, V. Ia., 1960b, 167, 171 (Oidemia fusca; Zaisansk basin, Kazakh SSR). --Paudere, V., 1957a, 323 (ducks, Latvian SSR); 1958a, 337 (intensity of infection in Latvia). --Perez Vigueras, I., 1944a, 294, 300, 323, pl., fig. 5 (Lophodytes cucullatus; Havana); 1955b, (L. cucullatus; intestine; Havana). --Ryzhikov, K. M., 1956a, 116 (Anas crecca; Rybinsk reservoir); 1956b, 133, 138, 139 (Anas platyrhynchos, A. clypeata; Georgian SSR). --Sprehn, C. E. W., 1930r, 768, figs. 3-4; 1932c, 350, 859, 864, 865, 866, 867, 868, 871 (Haemopis sanguisuga, Herpobdella atomaria, Mergus merganser, M. albellus, M. serrator, Oidemia fusca, Bucephala clangula, Oidemia nigra, Anas platyrhyncha, Anser albifrons, Columba livia; Europe). --Storozheva, A. M., 1959a, 179, 181 (Anas platyrhyncha domestica, Anser a. domesticus; Belorussian SSR). --Stunkard, H. W.; Willey, C. H.; & Rabinowitz, Y., 1941a, 485-497 (Cercaria burti is larval stage) (Helisoma antrosum, Prospect Park, Brooklyn, Herpobdella punctata (exper.), ducks (exper.)).--Sudarikov, V. E., 1959b, 545-546 ("metacercaria of A. g. =Tetracotyle gracilis).--Sulgostowska, T., 1958a, 116, 119, 121, 128, 132, 134 (Anas strepera, Aythya nyroca, Mergus albellus; intestine; Druzno Lake, Poland).--Vasilev, I. D., 1958d, 342, 343, 345, 346 (domestic ducks; Bulgaria). --Veldemann, L., 1957a, 283 (domestic ducks; Esthonian SSR). --Walton, A. C., 1946i, 592 (Hyla crepitans; South America). --Wesenberg Lund, C. J., 1934b, 133, 206 (Herpobdella atomaria, Haemopis sanguisuga). --Wikgren, B. J., 1956a, 84, 86, 91 (Mergus merganser, Finland); 1956a, 62, 63-65, 77, 80, figs. 51-52 (Lymnaea peregra, L. palustris; Finland). --Wisniewski, W. L., 1958a, 26; 1957a, 38, table XIIb (Bithynia tentaculata, Limnaea stagnalis, Bathyomphalus contortus, Segmentina nitida, Physa fontinalis, Acroloxus lacustris, Druzno Lake, Poland); 1958a, 48, 49 (Aeschna sp.; Druzno Lake, Poland). --Yamaguti, S., 1933b, 1, 6-7, 8, 9, 11, 18, fig. 2 (Mergus merganser merganser; small intestine; Japan). --Zaskind, L. N., 1952a, 409 (Anser a. dom.); 1958a, 133, 134, fig. 1 (domestic geese, Bithynia tentacula, Haemopis sanguisuga, Herpobdella otomaria [sic]).

gracilis canadensis Dubois, G.; & Rausch, R., 1950b, 19, 33, 48 (Branta c. canadensis, Polysticta stelleri; Alaska); 1960a, 79-92. --Dubois, G., 1953a, 43.

gracilis congolensis Dubois, G.; & Fain, A., 1956a, 18, 27-28, fig. 11 (Thalassornis l. leuconotus; Astrida, Ruanda-Urundi).

gracilis exilis Dubois, G., 1948a, 456-458, 471, 472, 473, figs. 3-4 (Anas querquedula, Bucephala clangula, Nyroca ferina, N. fuligula; intestine; Switzerland); 1953a, 43.

gracilis fuhrmanni (Dubois, 1937) Dubois, G., 1953a, 43.

gracilis fuligulae (Yamaguti, 1933) Dubois, G., 1953a, 43.--Sudarikov, V. E., 1959b, 552, 557 (as syn. of A. fuligulae).

gracilis graciliformis (Szidat, 1928) Sudarikov, V. E., 1959b, 540, fig. 161.

gracilis gracilis (Rudolphi, 1819) Dubois, G., 1948a, 451-454.--Sudarikov, V. E., 1959b, 532, 537, 538.

gracilis indicus (Vidyarthi, 1937) Dubois, G., 1953a, 44.--Sudarikov, V. E., 1959b, 540 (syn.: A. indicus Vidyarthi, 1937, A. casarcus Vidyarthi, 1937). (Casarca ferruginea =C. rutila =Anas turila).

gracilis japonicus (Ishii, 1932) Dubois, G., 1953a, 44.--Sudarikov, V. E.,

1959b, 543.

gracilis minor (Yamaguti, 1933) Dubois, G.; & Rausch, R., 1950a, 19, 33-34, 48 (Anas discors; Wisconsin). --Baer, J. G., 1956a, 9, 16-18 (Clangula hyemalis; anterior portion of gut; west Greenland). --Dubois, G., 1953a, 44. --Iles, C., 1959a, 490, 491, 492, 493, 494, fig. 4(a-c) (Lymnaea pereger; Roath Park Lake, Cardiff; 1960a, 401, 402, 403, 404, 405, 409-414, 415, pl., figs. 1-2 (Erpobdella testacea, Protoclepsis tessellata, Glossiphonia complanata, khaki-campbell ducklings (all exper.)).

gracilus pellucidus (Yamaguti, 1933) Dubois, G., 1953a, 43. --Hoffman, G. L., 1959c, 96-99, figs. 1-2 (Botaurus lentiginosus; stomach contents; North Dakota, Eucalis inconstans; musculature; North Dakota, chicks (exper.)); 1960a, 442, 443, fig. 1 (life cycle).

gracilis somateriae Dubois, G., 1948a, 453-456, 474, figs. 1-2 (Somateria mollissima; intestine; Switzerland); 1953a, 43. --Dubois, G.; & Rausch, R., 1960a, 79.

indicus Vidyarthi, R. C., 1937a, 315-317 fig. 1 (Casarca ferruginea; small intestine; Allahabad, U. P., India). --Bhalerao, G. D., 1942d, 209. --Dubois, G., 1938b, 489-490, fig. D (Casarca rutila =C. ferruginea). --Sudarikov, V. E., 1959b, 540 (as syn. of A. gracilis indicum).

intermedius (Johnston, 1904) Dubois, G., 1937a, 232 (Chenopis atrata; Australia); 1937c, 392; 1938b, 97, 105-106, 476, 477, fig. 48; 1953a, 40, 43 (key). --Johnston, T. H.; & Angel, L. M., 1951b, 66-77, figs. 1-28 (Lymnaea lessoni, Glossiphonia spp., Chenopis atrata; duodenum; Tailem Bend, Australia, Planorbis isingi (exper.)). --Sudarikov, V. E., 1959b, 565 (as syn. of Australapatemon intermedius).

japonicus Ishii, N., 1932b, 1, 3, 4, 5, 6, 7, 8, 9, 14-17, 26, 27, pl., figs. 3, 14 (Anas p. platyrhyncha, A. boschas domesticus; blind intestine; Tokyo); 1933c, 91, 92, 93, 94, 97-98, 99, 100, pl. 1, fig. 3, pl. 2, fig. 14. --Dubois, G., 1938b, 97, 106, 476, fig. 49. --Sudarikov, V. E., 1959b, 543, fig. 162 (as syn. of Apatemon gracilis japonicus).

minor Yamaguti, S., 1933b, 1, 16-17, fig. 8 (Anas p. platyrhyncha, Nettion formosum; small intestine; Japan); 1939d, 131, 200-201. --Belopol'skaia, M. M., 1952c, 144 (Cepphus grylle; small intestine; Sem Ostrovov); 1954a, 27 (Anas c. crecca, Aix galericulata; Sudzukhinsk Preserve, Maritime Province). --Dubois, G., 1938b, 97, 107, 476, fig. 50. --Ginetsinskaia, T. A., 1949c, 84 (Anas crecca; Volga Delta). --Gower, W. C., 1938c, 65, 72, 74; 1939a, 594, 617, 620.

molluscipeta Lutz, A., 1931f, 342; 1933b, 363.

molluscipeter Lutz, A., 1933b, 363 [for molluscipeta].

molluspeta Lutz, A., 1931f, 342.

pandubi Pande, B. P., 1939b, 26-27, figs. 3-4 (Anhinga melanogaster; intestine). --Bhalerao, G. D., 1942f, 209 (Indian darter or snake bird, Allahabad). --Dubois, G., 1953a, 44 (subg. Pseudostrigea). --Sudarikov, V. E., 1959b, 594. fig. 183 (as syn. of Pseudostrigea pandubi).

parvitestis Ishii, N., 1935c, 275, 276, 278-279, 283, 284, pl. 15, fig. 3 (Anas p. platyrhyncha; intestine; Japan). --Dubois, G., 1938b, 97, 107-108, 475, fig. 51; 1953a, 40, 43 (subg. Apatemon) (key).

pellucidus Yamaguti, S., 1933b, 1, 12-16, figs. 5-7 (Mogurnda obscura; body cavity; Japan, domestic duck (exper.)). --Dubois, G., 1938b, 97, 108-109, 476, fig. 52. --Gower, W. C., 1938c, 65, 73; 1939a, 594, 616. --Hoffman, G. L., 1960a, 443, 446, fig. 3 (life cycle, key). --Olivier, L. J., 1940b, 452. --Sudarikov, V. E., 1959b, 562-565, figs. 170-171 (=Tetracotyle pellucida).

sarcogyponis (Vidyarthi, 1937) Bhalerao, G. D., 1942f, 209 (Sarcogyps calvus; Allahabad). --Dubois, G., 1953a, 44 (subg. Pseudostrigea). --Sudarikov, V. E., 1959b, 594 (as syn. of Pseudostrigea sarcogyponia).

sphaerocephalus (Westrumb of Brandes, 1888) Szidat, L., 1928d, 205, 208; 1929a, 621; 1929b, 728, 730-732, 760, fig. 25 (Anas moschata). --Cort, W. W.; Olivier, L. J.; & Brackett, S., 1941a, 440, 441, 442, 443, 444 (Helisoma antrosum percarinatum, Physa gyrina, Helisoma trivolvis). --Dubois, G., 1937c, 392 (as syn. of A. globiceps nom. nov.); 1938a, 146-147. --Gower, W. C., 1938c, 65, 73; 1939a, 594, 618. --Willey, C. H.; & Rabinowitz, Y., 1938a, 30-31 (duck, small intestine; New York City).

truonis Dubois, G.; & Fain, A., 1956a, 18, 25-27, figs. 9-10 (Phalacrocorax a. africanus; intestine; Astrida).

APHALLINAE Yamaguti, S., 1958a, 80 (includes: Aphallus Poche, 1926, Witenbergia Vaz, 1932).

APHALLOIDES Dollfus, R. P. F.; Chabaud, A. G.; & Golvan, Y. J., 1957a, 28, 38 (mt: A. coelomicola).

coelomicola Dollfus, R. P. F.; Chabaud, A. G.; & Golvan, Y. J., 1957a, 28-40, figs. 1-8 (Gobius microps; body cavity, Banyuls).

APHALLUS Poche, F., 1926b, 166 (tod: A. tubarium (Rudolphi). --Fuhrmann, O., 1928b, 105. --Price, E. W., 1940c, 10.
tubarium (Rudolphi, 1819) Poche, F., 1926b, 167 (tod). --Dollfus, R. P. F., 1951e, 350-360, fig. 1, pl., fig. 2 (Gobius (Zostericola) ophiocephalus; muscles, mesentery, ovary; Alger). --Janiszewska, J., 1953b, 36-40, 47, 48, figs. 3-5 (Dentex dentex, Scomber japonica, Morone labrax; intestine, environs of Split, Adriatic Sea).
APHANHYSTERA Guiart, J., 1938b, 4, 25 (mt.: A. monacensis).
monacensis Guiart, J., 1938b, 25-26, 56-57, 62, 63, 64, 76, 80, pl. A., fig. 4, pl. 2, figs. 22-23 (mt) (Centroscymnus coelolepis; stomach; Monaco).
APHANHYSTERIDAE Yamaguti, S., 1958a, 5, 186.
APHANHYSTERINAE Guiart, J., 1938b, 4, 20, 25 (Azygiidae).
APHANURINAE Skrjabin, K. I.; & Gushanskaia, L. K., 1954a, 244, 245, 319-334 (key) (includes: Aphanurus Looss, 1907, Chauhanurus n. g.). --Manter, H. W., & Pritchard, M. H., 1960b, 165 (syn.: Ahemiurinae Chauhan, 1954) (includes: Aphanurus Luehe, 1901; Ahemiurus Chauhan, 1954, Myosaccium Montgomery, 1957, Duosphincter n. g.). --Slusarski, W., 1957c, 51, 52, 58, 59 (emend.).
APHANURUS Looss, A., 1907c, 69, 74, 78, 98, 107-109, 160; 1907e, 591 (tod: A. stossichi Monticelli, 1891). --Fuhrmann, O., 1928b, 109. --Lopez-Neyra, C. R., 1941a, 335. --Patzelt, H., 1930a, 4, 5. --Slusarski, W., 1957c, 52, 57, 58, 59 (emend.).
balticus Slusarski, W., 1957c, 51-62, figs. 1-3 (Salmo salar; stomach; Baltic Sea); 1958a, 396.
caesionis Yamaguti, S., 1952a, 146, 182-183, 197, pl. II, fig. 10 (Caesio kuning; stomach, Macassar).
dorosomatis Yamaguti, S., 1953c, 257, 273-274, 295, pl. II, fig. 6 (Dorosoma chacunda; stomach, Macassar).
harengulae Yamaguti, S., 1938c, 3, 111-112, fig. 64 (Harengula zunasi; stomach; Lake Hamana); 1953c, 257, 272-273 (Clupea clupeoides; stomach, Macassar). --Skrjabin, K. I.; & Gushanskaia, L. K., [1959b], 832 (as syn. of A. stossichi).
microrchis Chauhan, B. S., 1945c, 160, 161, 162, 163, pl., fig. 1 (Mugil parsia; alimentary canal; west coast of India, Bombay); 1954d, 303-305, fig. 1.
monolecithus (Srivastava, 1941) Manter, H. W., 1947a, 344, 386 (syn.: Sterrhurus monolecithus).
stossichii (Monticelli, 1891) Looss, A., 1907e, 591-592 (tod) (Box boops, Caranx trachurus, Clupea pilchardus (t. h.), C. sardina, Lichia amia, Maena vulgaris, Naples, Triest, t. l.); 1907c, 69, 107, 109-111, 159, pl. 8, figs. 7, 8 (Clupea aurita). --Chauhan, B. S., 1954d, 303, 305-307, fig. 2 (Clupea ilisha; Allahabad, Puri & Karachi). --Chernyshenko, A. S., 1949a, 85, fig. 6 (Caspialosa pontica; stomach; Black Sea); 1955a, 214 (Trachurus trachurus; stomach; Odessa Bay); 1956b, 288 (fish; Dniester estuary); 1957a, 198 (Clupeonelala delicatulla; Dniester estuary). --Kurashvili, B., 1960a, 256 (Engraulis encrasicholus, Caspialosa kessleri pontica, Trachurus mediterraneus ponticus; Black Sea). --Lopez-Neyra, C. R., 1941a, 335-337, fig. 6 (Engraulis encrasicholus, Clupea sprattus, C. pilchardus; stomach; Marin, Pontevedra, Spain). --Markevich, A. P., [1952a], 153 (syn.: A. virgula) (Caspialosa). --Mola, P., 1928b, 415, 429, 430, 431, 432 (Clupea pilchardus, Charax puntazzo, Maena vulgaris, Box boops, Lichia glauca). --Monticelli, F. S., 1909a, 67-68. --Patzelt, H., 1930a, 2-6, fig. 1 (Sardinella aurita; oesophagus). --Sinitsin, D. F., 1911a, 90. --Skrjabin, K. I.; & Gushanskaia, L. K., [1959b], 832 (syn.: A. harengulae). --Slusarski, W., 1956b, 243-244 (Salmo salar; Baltic). --Timon-David, J., 1937a, 18, 23, fig. 15 (Box boops; stomach; Gulf of Marseille). --Vatova, A. A., 1928a, 155, 158. --Yamaguti, S., 1938c, 110-111, fig. 63 (Dorosoma thrissa; oesophagus & stomach; Lake Hamana).
virgula Looss, A., 1907e, 592 (Cepola rubescens, Engraulis encrasicholus; oesophagus, Trieste); 1907c, 111, 159, pl. 9, figs. 15, 16. --Butskaia, N. A., 1952a, 33, 43-44, fig. 3 (Engraulis encrasicholus; stomach, Black Sea). --Markevich, A. P., [1952a], 153 (as syn. of A. stossichi). --Mola, P., 1928b, 415, 529 (Engraulis encrasicholus). --Patzelt, H., 1930a, 5 (Engraulis encrassicholus; Cepola rubescens; stomach). --Pogorel'tseva, T. P., 1952a, 37-38, fig. 8 (Engraulis encrasicholus; intestine; Black Sea). --Sinitsin, D. F., 1911a, 43.
APHARYNGOGYLIAUCHEN Yamaguti, S., 1942c, 330, 377, 379-380 (tod: A. callyodontis).
callyodontis Yamaguti, S., 1942c, 330, 377-379, fig. 25 (tod) (Callyodon sp.; intestine; Naha). --Nagaty, H. F., 1956b, 524, 526, 527, pl. I, figs. 4-5 (Pseudo-

scarus harid; intestine; Ghardaga, Egypt).
APHARYNGOGYLIAUCHENINAE Yamaguti, S., 1958a, 352.
APHARYNGOSTRIGEA Ciurea, I., 1927a, 15 (tod: Strigea cornu (Rud.)). --Bykhovskaia, I. E.; & Zhukov, E. V., [1954a], 163-170. --Dubois, G., 1936a, 510; 1938b, 27, 34, 37-38 (key); 1953a, 34-36 (syn.: Ridgeworthia Verma, 1936). --Lutz, A., 1931a, 338, 340-342, 350-353; 1933b, 400 (Agamostrigea for Apharyngostrigea). --Olsen, O. W., 1940b, 324-325 (key). --Sprehn, C. E. W., 1932c, 346, 348. --Sudarikov, V. E., 1959b, 383-385 (syn.: Strigea Abildgaard, 1790 ex parte; Ophiosoma Szidat, 1928 ex parte; Parastrigea Szidat, 1928 ex parte; Ridgeworthia Verma, 1936). --Szidat, L., 1929a, 616, 637, 644, 665; 1929b, 690, 710. --Vidyarthi, R. D., 1937c, 193.
ardearum (Lutz, 1928) Dubois, G., 1938b, 38; 1953a, 35 ("may be a syn. of A. brasiliana).
ardeolina Vidyarthi, R. D., 1937c, 193-195, fig. 1 (Ardea c. cineria; small intestine; Phoolpore, Allahabad). --Bhalerao, G., 1942f, 207. --Dubois, G., 1953a, 35 (key).
bilobata Olsen, O. W., 1940b, 323-324, 325, 328, pl. 1, figs. 2-7 (Nycticorax n. hoactli, Ardea h. herodias; small intestine; Owatonna, Minnesota). --Cable, R. M.; Connor, R. S.; & Balling, J. W., 1960a, 196, 238, fig. 2. --Dubois, G.; & Rausch, R. L., 1950a, 4 (as syn. of A. cornu).
brasiliana (Szidat, 1928) Szidat, L., 1929b, 710, 714-715, fig. 15. --Caballero y Caballero, E.; & Diaz-Ungria, C., 1958a, 20 (Casmerodius albus egretta; intestine; Venezuela). --Dubois, G., 1938a, 145 (Cochlearius cochlearius); 1938b, 37, 38-39, 479, 480, fig. 1; 1953a, 35 (key). --Lutz, A., 1931a, 351. --Olsen, O. W., 1940b, 324.
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bowersi Leiper, R. T.; & Atkinson, E. L., 1914a, 224 (Trematomus bernacchii; Terra Nova Expedition); 1915c, 34-35, pl. 3, fig. 18. --Srivastava, H.D., 1939z, 31. --Yamaguti, S., 1934a, 490.
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simplex Odhner, T., 1900d, 62-66, fig. (Pleuronectes flesus, P. limanda; gills; Kristineberg, Sweden).--Ching, H. L., 1960a, 247(Sebastodes maliger; Friday Harbor, Washington).--Ejsmont, L., 1926a, 886, 889.--Fuhrmann, O., 1928b, 33, fig. 40 (Drepanopsetta platessoides).--Isaichikov, I. M., 1928a, 19, 21 (Hippoglossoides platessoides); 1933a, 34.--Layman, E. M., 1930a, 79, 101.--McFarlane, S. H., 1936a, 340, 343, fig. 2f(Sebastodes sp.; Departure Bay, British Columbia).--Monticelli, F. S., 1903c, 335.--Reisinger, E., 1923a, 6.--Scheuring, L., 1922a, 267, 272.--Zhukov, E. V.; & Strelkov, I. A., 1959a, 190.
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aequalis Nicoll, W., 1914h, 343-344, pl. 24, fig. 7(tod)(Emydura latisternum; intestine); 1918d, 370-371 (Emydura australis; intestine; Australia).--Hughes, R.C.; Higginbotham, J.W.; & Clary, J.W., 1941a, 41; 1942a, 124.--Johnston, T.H., 1916a, 56.
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hastatus Mueller, J.F., 1936c, 458, 459, 460, pl. 56, figs. 4-9(mt.)(Roccus lineatus; gills, Peace River, Fort Ogden, Florida).--Merriman, D., 1941a, 55 (Roccus saxatilis).--Seamster, A., 1938b, 606 (as syn. of Urocleidus hastatus).
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indicum (Bhalerao, 1931) Yadav, D. C., 1959a, 166(Uromastix hardwickii); northern India).--Jain, G. P., 1960b, 2, 3 (syn.: Testisaculus indicum Bhalerao, 1927; Paryphostomum indicum Bhalerao, 1931) (Uromastix hardwickii; duodenum; North India).
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sufrartyfex Lane, C., 1915a, 977-983, pl. 90, figs. 1-4(Homo sap.; intestine; Assam); 1917b, 440-441.--Ahluwalia, S. S., 1959b, 7-9.--Augustine, D.L., 1929a, 231.--Brumpt, E. J. A., 1922f, 372; 1927e, 466.--Castellani, A.; & Chalmers, A.J., 1919a, 581, 583, 1752.--Cort, W. W., 1921 1, 50.--Fantham, H. B.; Stephens, J. W. W.; & Theobald, F.V., 1916a, 753.--Faust, E. C., 1924k, 121.--Jain, G.P., 1960b, 1, 2, 3, 4 (syn.: Euparyphium malayanum, Paryphostomum sufrartyfex)(man, pig; intestine).--Lane, C.; & Low, G. C., [1923f], 1810.--Leiper, R. T., 1915b, 573(as probable syn. of Euparyphium malayanum); 1922f, 4.--Neveu-Lemaire, M., 1921e, 211.--Sluiter, C. P.; Swellengrebel, N.H.; & Ihle, J.E.W., [1922a], 188.--Sprehn, C.E.W., 1932b, 318, 319.--Srivastava, H. D., [1957b], 81(Indoplanorbis exustus; India).--Srivastava, H.D.; & Peter, C.T., [1954a], 221.--Yadav, D. C., 1959a, 157-157, figs. 1-4 (Sus scrofa domestica; intestine; Jabalpur, India).
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F., [1959a], 629(key); [1959b], 331(sensu stricto; key).--Isaichikov, I. M., 1925d, 63-64.--Jägerskiöld, L. A. K. E., 1903a, 14; 1904e, 14.--Lal, M. B., 1939c, 149 (emend. Srivastava, 1935; Heterophyidae).--López-Neyra, C. R., 1924a, 24.--Lutz, A., 1931a, 334, 344.--Odhner, T., 1914c, 244.--Pratt, H. S., 1902a, 888, 894(key).--Price, E. W., 1932e, 88; 1936a, 31, 32; 1940c, 9(Heterophyidae, Centrocestinae).--Railliet, A., & Henry, A. C. L., 1913d, 929-930.--Ransom, B. H., 1920 1, 527, 529, 561-562.--Skrjabin, K. I., 1923k, 194.--Sogandares-Bernal, F.; & Bridgman, J. F., 1960a, 34, 36, 37, fig. 5 (sensu stricto; key).--Sprehn, C. E. W., 1932c, 246, 250 (syn.: Phagicola Faust).--Srivastava, H. D., 1935f, 269-278(emend.).--Travassos, L. P., 1929b, 8, 9; 1929e, 939-940; 1930i, 61-79, pls. 9-20, figs. 1-40, German text, 80-97(revision of genus; p. 63 (subg. Ascocotyle); p. 65-66(subg. Phagicola), type A. (P.) pithecophagicola(Faust)).--Witenberg, G. G., 1929b, 141, 142, 185, 187, 188; 1930a, 413.

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species Burdzhanadze, P. L., 1943a, 53 (Canis familiaris; Georgia [SSR]).

species Hutton, R. F.; & Sogandares-Bernal, F., 1960a, 289 (Casmerodius albus egretta, Nycticorax nycticorax hoactli, Hydranassa tricolor ruficollis; Florida).

species Leigh, W. H., 1956b, 39 (see A. leighi) (Mollienesia latipinna; south Florida, chicks (exper.)).

species Leigh, W. H., 1959a, 23(Cyprinodon variegatus variegatus; conus arteriosus; south Florida).

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ascolonga (Witenberg, 1929) Travassos, L. P., 1930i, 63, 76, pl. 20, figs. 38-40 (subg. Phagicola).--Srivastava, H. D., 1935f, 275.

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W., 1928a, 14 (Epimys norvegicus).--Dollfus, R.P.F., 1925a, 192-194, 204, fig. 15 (Mus norvegicus).--Sprehn, C. E. W., 1930s, 263; 1932c, 829.--Srivastava, H. D., 1935f, 275.--Stunkard, H. W.; & Uzmann, J.R., 1955a, 475(Nycticorax nycticorax, Larus argentatus, hamster, rats, mice (all exper.); Fundulus heteroclitus (gills; Connecticut), F. majalis (gills).--Travassos, L. P., 1930i, 61, 62, 63, 71-72, pl. 16, fig. 26 (Phagicola)(Mus norwegicus;New York).

dimunita Srivastava, H. D., 1935f, 275 (subg. Phagicola)[for diminuta Stunkard & Haviland, 1924].

felippei Travassos, L. P., 1929e, 939-940 (subg. Ascocotyle); (Ardetta erythromelas; intestine; Rio de Janeiro); 1929a, 15(spelled filippei); 1929b, 8, 23-24 (spelled filipei, p.8); 1930i, 63, 65, pl. 9, fig. 4, pl 10, figs. 5-8, pl. 11, figs. 9, 10, pl. 12, figs. 11, 12, pl. 13, fig. 13 (Ardea caudidissima, Carbo vigua, Florida caerulea; intestine; Rio de Janeiro).--Ciurea, I., 1933c, 73.--Hutton, R. F.; & Sogandares-Bernal, F., [1959a], 629.--Price, E. W., 1932g, 167; 1936a, 32.--Srivastava, H. D., 1935f, 274.

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leighi Burton, P.R., 1956a, 540-543, pl. I, figs. 1-3 (Heterophyidae) (day-old chicks (exper.), metacercaria in Mollienesia latipinna; conus arteriosu; South Florida).--Hutton, R.F.; & Sogandares-Bernal, F., [1959a], 629.--Sogandares-Bernal, F.; & Bridgman, J. F., 1960a, 31-32 (Mollienisia latipinna; Lake Pontchartrain, Louisiana).

longa Ransom, B. H., 1920 1, 562, 564-566, fig. 29 (Vulpes lagopus;intestine; District of Columbia).--Ciurea, I., 1924c, 14, 17.--Freund, L., 1930c, 26, 28, fig. 6.--Prell, H. B., 1928a, 120.--Prokopič, I., 1960b, 139, 141-142, fig. 2(as syn. of Parascocotyle longa) (dog;intestine;Albania).--Riley, W.A., 1921a, 89, 90.--Sprehn, C.E.W., 1928i, 764; 1932c, 251, 820 (Vulpes vulpes, Alopex lagopus; darm; Nordamerika).--Srivastava, H.D., 1935f, 275.--Stunkard, H.W.; & Haviland, C.B., 1924a, 3.--Travassos, L. P., 1930i, 61, 62; 1930i, 63, 68-69, pl. 15, figs. 21, 21a (subg. Phagicola).

mcintoshi Price, E. W., 1936a, 31, 32, fig. 11 (Guara alba; small intestine; Cape Sable, Florida).--Hutton, R.F.; & Sogandares-Bernal, F., [1959a], 629.--Leigh, W. H., 1956b, 39(Gambusia affinis holbrooki, Mollienesia latipinna; mesenteries & viscera; South Florida, chicks (exper.)).

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ASCOCOTYLINAE Yamaguti, S., 1958a, 703, 870 (includes; Ascocotyle Looss, 1899; Phagicola Faust, 1920).

ASOVIA Isaichikov, I. M., 1927p, 115(tod. A. ponticapeica).

ponticapeica Isaichikov, I. M., 1927p, 115, 122(birds; Crimea).

ASPIDOBOTHRIA Monticelli, F. S., 1888a, 91(fam. for Aspidogaster); 1892a, 195.--Braun, M. G. C. C., 1893b, 188.

ASPIDOBOTHRIDAE Monticelli, F. S., 1888a, 51(Aspidobotridae), 63, 67 (Aspidobothridae), 71, 72, 90, 91(Aspidobotridae), 103, 107, 108; 1892a, 168 (revision), 195, 196, 197, 198(diagnosis), 199 (key), 198-209, 213 (fam. of Aspidocotylea); 1893i, 36, 82, 114.--Benham, W. B. S., 1901a, 59-60.--Braun, M. G. C. C., 1893a, 886, 888, 890, 891, 894, 895; 1893b, 188.--Fuhrmann, O., 1928b, 99, 100(as syn. of Aspidogastridae Poche).--Fukui, T., 1929b, 301.--Gamble, F. W., 1896a, 73; 1901a, 73.--Kofoid, C. A., 1899a, 179.--MacCallum, G. A., 1921c, 194.--Mordvilko, A. K., 1908a, 157, 210.--Nickerson, W. S., 1901a, 378; 1902a, 597, 599, 606, 608, 612, 613, 614, 616.--Poche, F., 1907a, 125.--Pratt, H. S., 1902a, 887, 891 (key; includes; Macraspis, Stichocotyle, Aspidocotylus, Platyaspis, Cotylaspis, Cotylogaster, Aspidogaster, Lophotaspis).--Skrjabin, K. I., 1923k, 194.--Stossich, M., (1898c), 19 (Aspydobothridae); 1899a, 3, 4.

ASPIDOBOTHRII Burmeister, H., 1856a, 252.--Benham, W. B. S., 1901a, 49.--Braun, M. G. C. C., 1890a, 516; 1893b, 188.--Castellani, (Sir) A.; & Chalmers, A. J., 1910a, 351; 1913a, 461; 1919a, 560.--DeRivas, D., 1920a, 242.--Monticelli, F. S., 1888a, 84, 107.--Poche, F., 1907a, 125.--Taschenberg, O., 1879g, 233, 258.

ASPIDOBOTRIDAE Monticelli, F. S., 1888a, 52, 63, 91(for Aspidobothridae); 1892a, 213(fam. of Aspidocotylea).

ASPIDOCOTYLE Diesing, K. M., 1850a, 288, 413(mt. A. mutabile) for Aspidocotylus; 1858e, 314, 372.--Benham, W. B. S., 1901a, 60, 65.--Braun, M. G. C. C., 1890a, 546; 1893a, 887, 888, 890, 891, 892, 904(genus of Amphistomidae), 907, 918; 1893b, 188.--Burmeister, H., 1856a, 251.--Dollfus, R. P. F., 1956d, 11.--Gamble, F. W., 1901a, 73.--Hoyle, W. E., 1888a, 539.--Kofoid, C. A., 1899a, 181.--Looss, A., 1902m,

428.--Monticelli, F.S., 1888a, 89, 91; 1892a, 196, 197, 198, 207, 213 (genus of Aspidobothridae).--Nickerson, W.S., 1902a, 612.--Odhner, T., 1911e, 188, 189.--Olsson, P., 1896b, 488.--Perrier, E., 1897a, 1808.--Pratt, H. S., 1900a, 647.--Taschenberg, O., 1879g, 256, 259-260.

1892: Aspitocotyle Monticelli, F.S., 1892a, 197, misprint.

cochleariforme (Diesing, 1838) Monticelli, F. S., 1892a, 207-208, fig. 6 (syn.: A. mutabile) (Cichla temensis; Rio Negro, Brazil).

mutabile (Diesing, 1839) Diesing, K.M., 1850a, 413 (includes A. cochleariformis as syn.) (Cataphractus n. sp.; intestine; Rio Negro, Brazil).--Braun, M.G.C.C., 1893a, 907 (Cichla temensis; Brazil).--Perrier, E., 1897a, 1808.

mutabilis (Diesing, 1829) Diesing, K.M., 1858e, 372 (Cichla temensis).--Odhner, T., 1911e, 188.--Taschenberg, O., 1879g, 256, 260 (syn.: Aspidocotylus cochleariformis Diesing, A. mutabilis Diesing) (Cataphractus sp.; Rio Negro, Brazil).

ASPIDOCOTYLEA Monticelli, F. S., 1892a, Oct. 7, 213 (suborder of Trematoda, for Aspidobothridae).--Augustine, D. L., 1929a, 211.--Benham, W.B.S., 1901a, 49, 57, 60, 65, 79, 80, 83, 85, 87, 88, 91, fig. XXII 2.--Bittner, H.; & Sprehn, C.E.W., 1928a, 1, 3.--Braun, M.G.C.C., 1893a, 890, 891, 894, 895, 917; 1893b, 188; 1895b, 136.--Castellani, (Sir) A.; & Chalmers, A. J., 1910a, 351; 1913a, 461; 1919a, 560.--DeRivas, D., 1920a, 235, 242.--Faust, E. C., 1929c, 85; 1932d, 460 (renamed Aspidogastrata).--Gamble, F. W., 1896a, 73; 1901a, 73.--Kofoid, C.A., 1899a, 179.--Linton, E., 1910b, 20, 82.--Looss, A., 1899b, 543.--Luehe, M.F.L., 1909b, 22, 23.--MacCallum, W. G., 1902a, 636.--Odhner, T., 1902e, 43, 44, 45.--Perrier, E., 1897a, 1807.--Pratt, H.S., 1900a, 645, 646 (included in Digenea of van Beneden), 647 (key); 1902a, 887, 891 (key).--Schneidemühl, G., 1896a, 295.--Stunkard, H.W., 1923f, 217.--Ward, H.B., 1903m, 864; 1918b, 379.--Wardle, R. A., 1929a, 49.

[ASPIDOCOTYLEEN Looss, A., 1902m, 418. German name.]

ASPIDOCOTYLIDA Lahille, F., 1918b, 330; 1922a, 8, 9.

ASPIDOCOTYLIDAE Lahille, F., 1922a, 9.--Fuhrmann, O., 1928b, 64.

ASPIDOCOTYLUS Diesing, K.M., 1838a, 189; 1839a, 234 (mt. A. mutabilis); 1850a, 413 (renamed Aspidocotyle).--Braun, M.G.C.C., 1892a, 568; 1893a, 879, 884.--Cobbold, T.S., 1877e, 235, 237; 238; 1877f, 326; 1879b, 360.--Creplin, F.C.H., 1841a, 82.--Dujardin, F., 1845a, 479.--Fuhrmann, O., 1928b, 102.--Krefft, G., 1871a, 209.--Lejtenyi, K., 1881a, 2.--von Nordmann, A., 1840a, 601.--Poche, F., 1926b, 222 (fam. Paramphistomidae).--Pratt, H. S., 1902a, 887, 891 (key).

1850: Aspidocotyle Diesing, K.M., 1850a, 288, 413 (mt. A. mutabile).

cochleariformis Diesing, K.M., 1838a, 189 (Cataphractus N. 150); 1839a, 234; 1850a, 413 (as syn. of Aspidocotyle mutabile).--Cobbold, T.S., 1877e, 237.--Monticelli, F.S., 1892a, 207 (to Aspidocotyle).--Taschenberg, O., 1879g, 260 (as syn. of Aspidocotyle mutabilis).

mutabilis Diesing, K.M., 1839a, 234, pl. 15, figs. 20-22 (A. cochleariformis, renamed) (Cataphractus; Rio Negro, Brazil); 1850a, 413 (to Aspidocotyle); 1858e, 372.--Braun, M.G.C.C., 1892a, 580.--Cobbold, T.S., 1877e, 237, 238; 1879b, 360.--Creplin, F.C.H., 1841a, 82.--Dujardin, F., 1845a, 479.--Monticelli, F.S., 1892a, 207 (as syn. of Aspidocotyle cochleariforme).--von Nordmann, A., 1840a, 601 (Cataphractus sp.; Amérique méridionale).--Taschenberg, O., 1879g, 260 (to Aspidocotyle).

sonsinoii (Cobbold, 1877) Cobbold, T.S., 1877e, 238 (to Gastrodiscus).

ASPIDODASTER Monticelli, F.S., 1892a, 213, misprint for Aspidogaster.

ASPIDOGASTER von Baer, K.E., 1826a, 124; 1827b, 525-557 (mt. A. conchicola); 1828e, 671-678.--van Beneden, E., 1882b, 14, 15, 16.--van Beneden, P.J., 1858a, 11, 172, 345; 1861a, 11, 172, 345.--Benham, W.B.S., 1901a, 49, 60, 75, 84, 88, 100, 121.--Bettendorf, H., 1897b, 339.--Bittner, H.; & Sprehn, C.E.W., 1928a, 3, 62, 81.--de Blainville, M.H.D., 1828a, 584-585.--Blochmann, F.; & Bettendorf, H., 1895a, 216, 217.--Blumberg, C., 1871a, 34.--Braun, M.G.C.C., 1890a, 480, 515, 516; 1890b, 127; 1892a, 568, 576, 586, 603, 614, 660, 671, 672, 673, 675, 688, 689, 704, 709, 711, 715, 716, 730, 731, 757, 758, 774, 775, 777, 779, 792; 1893a, 843, 879, 884, 886, 887, 888, 890, 891, 894, 896, 897, 917; 1893b, 177, 178, 179, 187, 188; 1894a, 1149; 1895b, 26, 125; 1903a, 133; 1908a, 160; 1915a, 147.--Brumpt, E.J.A., 1922f, 1927e, 26.--Burdach, K. F., 1837a, 264.--Burmeister, H., 1837a, 530; 1856a, 240, 252.--Carus, J.V., 1863a, 478.--Chen, H.-T., 1956b, 118.--Cobbold, T.S., 1877e, 238.--Creplin, F.C.H., 1839a, 285-286.--Dawes, B.,

1941a, 304 (key). --Diesing, K. M., 1835c, 427; 1839a, 234; 1850a, 288, 414; 1858e, 314, 372-373; 1859c, 438. --Dollfus, R. P. F., 1956d, 12 (key). --Dujardin, F., 1845a, 324. --Eckmann, F., 1932b, 395-399. --Eichwald, E., 1829a, 248. --Fraipont, J., 1880c, 418, 443, 445. --Fuhrmann, O., 1928b, 79, 97, 100. --Fukui, T., 1929b, 301. --Gamble, F. S., 1896a, 63, 73; 1901a, 63, 73. --Goldberg, O. F. P. F., [1855a], 18. --Hoyle, W. E., 1888a, 539. --Janicki, C., 1907a, 718. --Kofoid, C. A., 1899a, 180, 181, 182, 183, 184. --Krefft, G., 1871a, 209. --Lander, C. H., 1904a, 5, 10. --Leuckart, K. G. F. R., 1863a, 489; 1879b, 93, 119, 150, 151; 1886d, 70, 90, 117. --Looss, A., 1893b, 814; 1894a, 212; 1901, 625; 1902m, 428, 429, 430. --Luehe, M. F. L., 1909b, 23. --Mödlinger, G., 1925a, 170. --Monticelli, F. S., 1888a, 12, 37, 38, 40, 43, 52, 56, 57, 63, 68, 71, 72 (Asptdogaster), 83, 84, 89, 91, 95, 103, 107; (1891i), 121; 1892a, 170, 172, 175, 176, 180, 184, 185, 186, 187, 188, 189, 194, 195, 196, 197, 198, 199 (diagnosis; syn.: Monostoma Rudolphi, C. A., 1819a, 87; Aspidonotus Keber, 1851; Cotylaspis Leidy, J., 1857a, 18), 200 (key), 201-205, 213 (genus of Aspidobothridae); 1893i, 36, 111; 1907a, 5. --Mordvilko, A. K., 1908a, 142, 154, 209. --Moulinié, J. J., 1856a, 235. --Nakayama, H., 1912b, 4. --Nickerson, W. S., 1902a, 599, 603, 604, 605, 609, 610, 612, 614, 617, 619. --von Nordmann, A., 1840a, 603 (1. conchicola; 2. limacoides). --Odhner, T., 1907a, 320. --Olsson, P., 1866-67a, 22. --Pagenstecher, H. A., 1857a, 6. --Parona, C., 1894a, 140. --Perrier, E., 1897a, 1763, 1807. --Poche, F., 1907a, 125. --Poirier, J., 1885b, 102; 1886a, 20, 21. --Popov, N. P., 1926a, 67. --Pratt, H. S., 1902a, 887, 892 (key). --Raspail, F. V., 1829a, 556-564. --Rolleston, G., 1888a, 642, 643, 646, 654. --Shipley, (Sir) A. E.; & Hornell, J., 1904a, 77-106. --Sinha, B. B., 1935a, 681, 682, 683 (key; Aspidogastridae). --Skrjabin, K. I., 1923k, 195; 1923n, 3. --Stafford, J.; 1900a, 405, 412; 1903a, 824. --Steinberg, D., 1931a, 160, 161, 163, 166, 169. --Stossich, M., 1899a, 1-6, pl. --Stunkard, H. W., 1923f, 217. --Szidat, L., 1926b, 273. --Taschenberg, O., 1879g, 233, 255, 258 (syn.: Monstoma Rudolphi; Aspidonotus Keber). --Van Cleave, H. J.; & Mueller, J. F., 1934a, 178 (key). --Volz, W., 1899d, 232. --Wagener, G. R., 1857a, 25, 29. --de Wallenstedt, A. C. H. A., [1847a], 7. --Ward, H. B., 1918a, 380. --Westwood, J. O., 1851a, 648, (?Apsidogaster for Aspidogaster).

1851: Aspidonotus Keber, G. A. F., 1851a, 19 (mt. A. conchicola).

1888: Asptdogaster Monticelli, F. S., 1888a, 72, misprint.

1892: Aspidodaster Monticelli, F. S., 1892a, 213, misprint.

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lenoiri Poirier, J., 1886a, 20-22, pl. 1, figs. 1-3 (Tetrathyra vaillantii; Sénégal). --Braun, M. G. C. C., 1892a, 580, 716; 1893a, 888, 891; 1893b, 188. --Kofoid, C. A., 1899a, 181, 182, 184. --Monticelli, F. S., 1888a, 42; (1891i), 121, 122; 1892a, 198; 1893i, 111. --Nickerson, W. S., 1902a, 613. --Sonsino, P., 1896a, 294. --Stossich, M., 1899a, 4. --Stunkard, H. W., 1917a, 338 (as syn. of Cotylaspis lenoiri).
lenoirii Monticelli, F. S., 1888a, 16, 38, 53, 54, 60, 71, 107 (for lenoiri).
limacoides Diesing, K. M., 1834a, 1231; 1835c, 420-430, 1 pl., figs. 1-19 (Cyprinus dobula, C. idus); 1850a, 414-415 (Leuciscus idus, L. dobula; intestine); 1858e, 373.--Agapova, A. I., 1956a, 18-19, 43, 45, 47, 48 (Aspius aspius, Blicca bjoerkna, Abramis brama orientalis; A. ballerus; reservoirs of western Kazakhstan).--Akhmerov, A. Kh.; & Bogdanova, E. A., [1958a], 149, 150, 151 (Leuciscus idus, Scardinius erythrophthalmus, Blicca bjoerkna; zone of future Stalingrad reservoir). --Bittner, H.; & Sprehn, C. E. W., 1928a, 18 (Leuciscus cephalus, L. idus). --Braun, M. G. C. C., 1892a, 580; 1893a, 897.--Bykhovskaia, I. E. (Pavlovskaia); & Bykhovskii, B. E., 1934a, 125-137, figs. 1-4 (syn.: A. donicum Popoff, 1926) (Rutilus rutilus, R. frissi, Abramis brama, A. sapa, A. ballerus, Leuciscus cephalus, Blicca björkna, Barbus brachicephalus, Aspius aspius, Silurus glanis, Vimba vimba, Gobius fluviatilis, G. sp.; Caspian Sea); 1940a, 132, 148, 151, figs. 4-5 (Rutilus rutilus, Blicca björkna; Sea of Azov).--Bykova, E. V., 1939a, 34, 38, 40 (Abramis brama, Rutilus, Perca fluviatilis; Lake Charkhal, West-Kazakhstan).--Chernyshenko, A. S., 1957a, 198 (Rutilus rutilus, R. frisii, Scardinius erythrophthalmus, Vimba vimba, Cyprinus carpio; Dniester estuary). --Creplin, F. C. H., 1839a, 286. --Dawes, B., 1941a, 303. --Dubinina, M. N., 1949b, 111 (Abramis brama, Cyprinus carpio, Siluris glanis, Lucioperca; Volga delta). --Dujardin, F., 1845a, 327.--Eckmann, F., 1932b, 399. --Hofer, B., 1904a, 217 (Squalius cephalus, Idus melanotus). --Ivanov, A. S., 1946a, 121, 123 (Rutilus rutilus caspicus; Volga delta). --Kamenev, V. P., 1959a, 159 (taran [Rutilus rutilus heckeli]; Priazovsk estuary).--Kofoid, C. A., 1899a, 184. --Kosheva, A. F., 1959a, 120 (Volga river).--Koval, V. P.; & Pirianik, G. I., [1958a], 216 (taran [Rutilus rutilus], guster [Blicca björkna], krasnoperca [Scardinius erythrocephalus], maren [Barbus barbus]; southern Bug). --Krøyer, H. N., 1846-53a, 462 [671] (Leuciscus idus).--Levashov, M. M., 1924a, 186.--Looss, A., 1902m, 420. --Luehe, M. F. L., 1909b, 24 (Leuciscus idus, L. cephalus). --Mikailov, T. K., [1960a], 44 (Abramis sapa bergi; Kura river). --Monticelli, F. S., 1888a, 71; (1891i), 109, 121, 122; 1892a, 172, 195, 200, 202-203, fig. 3; 1893i, 114. --Mordvilko, A. K., 1908a, 157, 210. --Nickerson, W. S., 1902a, 620 (Leuciscus sp.; Europe). --von Nordmann, A., 1840a, 603.--Osmanov, S. O., 1958b, 72 (ship [Acipenser nudiventris], usach aral'skii [Barbus], usach turkestanskii [Barbus], beloglazka [Abramis sapa], leshch [Abramis brama], karas [Carassius carassius], sazan [Cyprinus carpio]; Aral Sea); 1959a, 193. --Popov, N. P., 1926a, 69, 70.--Rolleston, G., 1888a, 650.--Serov, N. P., 1956a, 287, 300 (Rutilus rutilus caspicus natio tscharchalensis, Abramis brama orientalis; Lake Chelkar).--Shipley, (Sir) A. E., & Hor-

nell, J., 1904a, 98.--Stafford, J., 1896a, 5, 54.--Stossich, M., 1899a, 3.--Stunkard, H. W., 1917a, 338.--Taschenberg, O., 1879g, 259 (Leuciscus idus, L. dobula).--Voeltzkov, A., 1888c, 290-292.

macdonaldi Monticelli, F. S., (1891i), 120; 1892a, Oct. 7, 200, 203-204, fig. 4 [Melo, Shark Bay, Australia).--Braun, M. G. C. C., 1893a, 870, 897; 1893d, 468.--Eckmann, F., 1932b, 296.--Looss, A., 1901 1, 625; 1902m, 429, 430 (probably belongs to Lophotaspis).--Nickerson, W. S., 1902a, 604, 620.--Pelseneer, P., 1928a, 163 (Cymbium (Melo) flammeum).--Popov, N. P., 1926a, 70.--Shipley, (Sir) A. E.; & Hornell, J., 1904a, 98.--Stossich, M., 1899a, 3.--Stunkard, H. W., 1917a, 338, 339.

macdonaldii Monticelli, F. S., (1891i), 121, 122 (for macdonaldi).

margaritiferae Shipley, (Sir) A. E.; & Hornell, J., 1904a, 78, 90, 95-98, pl. 4, figs. 60-62, 66, 68, 69 (Margaritifera vulgaris; pericardial cavity; Cheval Paar, Ceylon); 1905b, 55; 1906a, 88.--Hornell, J., 1905c, 31.--Pelseneer, P., 1928a, 163 (Meleagrina fucata; pericardium).

piscicola Rawat, P., 1948a, 64-67, figs. 1-2 (Labeo rohita; intestine; Lucknow, India).--Chauhan, B. S., 1954b, 218-220, figs. 6-7.

ringens Linton, E., 1905d, 327, 333, 367, 397, figs. 243-249 (Micropogon undulatus, Trachinotus carolinus; Beaufort, North Carolina); 1907e, 104, pl. 15, figs. 98-99 (Iridio radiatus; Bermuda); 1910b, 17, 20, 82, 98, figs. 236, 237, 237a (Calamus calamus; Dry Tortugas).--MacCallum, G. A.; & MacCallum, W. G., 1913b, 245-251, fig. a.--Manter, H. W., 1931c, 397 (Micropogon undulatus).--Popov, N. P., 1926a, 70.--Stunkard, H. W., 1917a, 338.

vallei Stossich, M., 1899a, 3-4, figs. 6-8 (Thalassochelys caretta; Corfù).--Looss, A., 1902m, 415, 418, 746 (to Lophotaspis as type) (Thalassochelys corticata; stomach; Egyptian coast).--Stunkard, H. W., 1917a, 339.

ASPIDOGASTERINAE Chauhan, B. S., 1954b, 209, 216 (key).

ASPIDOGASTRATA Faust, E. C., 1932d, 460 (n. n. pro Aspidocotylea Monticelli, 1892).--Dawes, B., 1941a, 300.

ASPIDOGASTREA Faust, E. C.; & Tang, C.-C., 1936a, 499-500.--Brinkmann, A. (jr.), [1957a], 1-29 (order).--Dollfus, R. P. F., 1956d, 11-13; 1958n, 305-395; 1959a, 623-624.--Williams, C. O., 1942a, 473.

ASPIDOGASTRIDAE Poche, F., 1907a, 125; 1926b, 243 (6 genera, not listed).--Bittner, H.; & Sprehn, C. E. W., 1928a, 3.--Bresslau, E. L., 1932a, 1112, 1126, 1132-1133, 1136.--Ch'en, H.-T., 1956b, 104, 118 (includes: Lophotaspis, Aspidogaster, Cotylaspis, & Cotylogaster from China).--Dawes, B., 1941a, 300.--Dollfus, R. P. F., 1956d, 11, 12 (key); 1958b, 231 (emended definition).--Faust, E. C.; & Tang, C.-C., 1935a, 435 (aspidogastrid forms, to Monogenea or to "a separate subclass intermediate between the Monogenea & Digenea"); 1936a, 500 (emend.).--Fuhrmann, O., 1928b, 36, 44, 47, 48, 51, 61, 66, 67, 68, 69, 78, 79, 93, 96, 97, 100.--Nicoll, W., 1922b, 380.--Perrier, E., 1897a, 1807.--Sinha, B. B., 1935a, 683 (key to genera; includes: Lobatostoma, Lophotaspis, Aspidogaster, Cotylogaster, Cotylaspis, Lissemysia, Macraspis, Stichocotyle).--Sluiter, C. P.; Swellengrebel, N. H.; & Ihle, J. E. W., [1922a], 177.--Stunkard, H. W., 1917a, 327-328.--Ward, H. B., 1918a, 379.

ASPIDOGASTRINAE Dollfus, R. P. F., 1956d, 11 (key).

ASPIDOGASTROIDAE Poche, F., 1926b, 243 (includes fam. Aspidogastridae).--Baylis, H. A., 1929c, 6.

ASPIDOKOTYLEA Schneidemühl, G., 1896a, 295 (for Aspidocotylea).

ASPIDONOTUS Keber, G. A. F., 1851a, 19-20, 65, 66, 69, 90 (n. n. for Aspidogaster, hence type conchicola).--Braun, M. G. C. C., 1893a, 896.--Monticelli, F. S., 1892a, 199 (syn. of Aspidogaster).--Taschenberg, O., 1879b, 258 (syn. of Aspidogaster Baer).

conchicola (Baer, 1826) Keber, G. A. F., 1851a, 19, 65, 66, 69, 90.--Diesing, K. M., 1858e, 373 (to Aspidogaster).--Monticelli, F. S., 1892a, 200, 201 (to Aspidogaster).--Taschenberg, O., 1879b, 259 (to Aspidogaster).

(ASPINA) Tripathi, Y. R., 1956b, 242.

ASPITOCOTYLE Monticelli, F. S., 1892a, 197 (for Aspidocotyle).

ASPTDOGASTER Monticelli, F. S., 1888a, 72 (misprint for Aspidogaster).

ASPYLOGASTER Monticelli, F. S., 1892a, 187 (for Cotylogaster).

ASSAMIA Gupta, S. P., [1955b], 2, 33, 34, 35, 36, 39, 41 (mt. :A. gauhatiensis).

gauhatiensis Dayal, J.; & Gupta, S. P., 1954e, 190 (mt.) (Rita rita; intestine; River Brahamputra at Gauhati, Assam).--Gupta, S. P., [1955b], 2, 33-36, figs. 17-19 (Rita rita; Gauhati, Assam).

ASTACOTREMA Warren, E., 1903a, 295.--Bittner, H.; & Sprehn, C. E. W., 1928a, 2.--Chatterji, R. C., 1936a, 84 (key).--Dollfus, R. F. P., 1930b, 145.--Fuhr-

mann, O., 1928b, 106.--Luehe, M. F. L., 1909b, 53, 55.--Manter, H. W., 1947a, 298.--Poche, F., 1926b, 161 (fam. Allocreadiidae).

cirrigerum (von Baer, 1827) Warren, E., 1903a, 290.--Bittner, H.; & Sprehn, C. E. W., 1928a, 27, 34, 69, 71, 96.--Buttner, A., [1951a], 380, 382, fig. 1; 1951d, 286-288(Cambarus sp.; Bois de Boulogne, Astacus pallipes; Richelieu (Indre-et-Loire), A. astacus).--Fiebiger, J., 1941a, 188-189.--Fuhrmann, O., 1928b, 53, 93.--Hall, M. C., 1929b, 20, 27, 63, 64(?swallow - primary host, Astacus fluviatilis, crayfish-secondary hosts, Astacus astacus).--Luehe, M. F. L., 1909b, 55-56, 153, fig. 48 (Potamobius astacus; musculature; Europe).--Mödlinger, G., 1925a, 174.--von Querner, F. R., 1929a, 546.

tuberculatum (Zavadovskii, 1926) Wu, K., 1938b, 4 (Astacus leptodactylus).

ASTIA Looss, A., 1899b, 590-591, 592(tod.: A. renifera) [not Astia Koch, 1879, Arach.; Astea, Asteia, Asteja]; 1900d, 602 (renamed Astiotrema).--Braun, M. G. C. C., 1901b, 37.--Fuhrmann, O., 1928a, 113 (as syn. of Astiotrema Looss).--Pratt, H. W., 1903a, 34.--Stiles, C. W., 1912m, 507.

impleta Looss, A., 1899b, 590, 703-705, fig. 26(Tetrodon fahaka; intestine; Nile at Cairo, Egypt).--Braun, M. G. C. C., 1901b, 37.--Luehe, M. F. L., 1900aa, 561.--Thapar, G. S., 1933c, 87(Tetrodon fahaka; intestine).

renifera(Looss, 1898)Looss, A., 1899b, 590.

ASTIOTREMA Looss, A., 1900d, 602, 607 (Astia Looss, 1899[not Koch, 1879, Arachnida] renamed, hence type A. renifera); 1901 1, 560; 1902m, 487, 505, 821.--Bhalerao, G. D., 1936c, 202 (key).--Dayal, J., 1938f, 10, 13-14 (key).--Dollfus, R. P. F., 1930b, 145.--Fuhrmann, O., 1928b, 113.--Harshe, K. R., 1932a, 41-42(key).--Mehra, M. R., 1931c, 179-180, 188, 189; 1937a, 460 (Lepodermatinae; key).--Odhner, T., 1910d, 23, 24, 26, 27, 28, 30-35, 42, 48, 51, 66.--Olsen, O. W., 1937c, 312, 316 (Plagiorchiinae; key, diagnosis)[p. 312 Astriotrema, p. 316 Asiotrema]).--Pratt, H. S., 1902a, 888, 899(key).--Rahimullah, M.; & Das, B. K., 1934b, 207(spelled Astriotrema).--Skrjabin, K. I., 1923m, 10; 1923k, 202.--Talbot, S. B., 1934a, 42.--Thapar, G. S., 1933c, 87-94.--Ward, H. B., 1918a, 402.--Yeh, L.-S.; & Fotedar, D., 1958a, 18, 20(syn.: Astia Looss, 1899 nec Koch, 1879; Gauhatiana, S. P. Gupta, 1955).

species Shevchenko, N. N., 1956a, 118 (Astiotrema Looss, 1909 emend. Mehra, 1931)(amphibia, snakes; northern Donets, USSR).

species Shevchenko, N. N., 1957c, 130, 131, 132, 133, 134, figs. 1, 2 (Natrix natrix; central Donets, USSR).

amydae Ogata, T., 1938c, 50-51 (Amyda maackii; Keijo, Corée).--Gupta, N. K., [1954a], 172(as syn. of A. orientale Yamaguti, 1937); 1954e, 85, 86.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. 1941a, 43; 1942a, 121(Trionyx sinensis; Korea).--Oguro, Y., 1939a, 633-636, figs. 1-2(Amyda maackii; Manchoukuo).--Skrjabin, K. I.; & Antipin, D. N., [1959a], 370, fig. 104(Amyda maackii; Japan, A. sinensis; Lake Khanka, Primorski Krai, India).

dassia Dayal, J., 1938f, 10-14 fig. 1 (Clarias batrachus; intestine; Lucknow).

elongatum Mehra, H. R., 1931c, 180-186, figs. 1-3(Trionyx gangeticus).--Bhalerao, G. D., 1936c, 203.--Chatterji, R. C., 1933c, 35.--Dayal, J., 1938f, 10, 13(syn.: A. gangeticus Harshe, 1932).--Harshe, K. R., 1932a, 42.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 43; 1942a, 121 (Trionyx gangetica; India).--Olsen, O. W., 1937c, 314, 315, 317, pl. 1, fig. 3.

emydis Ejsmont, L., 1930c, July-Oct., 405-417, figs. 1-4 (Emys orbicularis; Polesia); 1930a, July-Sept., 15-16; 1930b, July, 4-5.--Dayal, J., 1938f, 10, 13.--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 41; 1942a, 121.--Modrzejewska, H., 1938a, 127, 128-130, fig. 1.--Olsen, O. W., 1937c, 314, 315, 317, pl. 1, fig. 4.--Shevchenko, N. N., 1957c, 141, 142.--Yeh, L.-S.; & Fotedar, D. N., 1958a, 18, 31(to Leptophallus).

erinacea (Poirier, 1886) Stossich, M., 1904e, 2(Delphinus delphis).--Baylis, H. A., 1932b, 396 (as syn. of Galactosomum erinaceum (Poirier, 1886) Nicoll, 1923).--Price, E. W., 1932h, 40 (as syn. of Galactosomum erinaceum (Poirier, 1886) Bittner & Sprehn 1928)--Sprehn, C. E. W., 1932c, 265.

foochowensis Tang, C.-C., 1941a, 313-314, 316, pl. 4, fig. 19 (Amyda tuberculata; Foochow, China).--Gupta, N. K., [1954a], 172 (as syn. of A. orientale Yamaguti, 1937); 1954e, 85, 86.

fukuii Ogata, T., 1938c, 51-52 (Amyda maackii; Keijo, Corée).--Hughes, R. C., Higginbotham, J. W.; & Clary, J. W., 1941a, 43; 1942a, 121(Trionyx sinensis; Korea).

gangeticus Harshe, K. R., 1932a, 38-41, 42, 45, pl. 1, figs. 1-4(Emyda granosa;

duodenum;Allahabad).--Bhalerao, G. D., 1936c, 198 (as syn. of A. loossi Mehra, 1931).--Dayal, J., 1938f, 10(as syn. of A. elongatum Mehra, 1931).

geomydia Siddiqui, W. A., 1958a, 220-222, fig. 1(Geomyda spinosa;intestine; Aligarh (U.P.) India).

hoshiarpurium Gupta, N. K., [1954a], 172[nomen nudum](Lissemys punctata; Hoshiarpur,India); 1954e, 85, 90-91, 98, fig. 2.

implectum Harshe, K. R., 1932a, 42[? for A. impletum (Looss, 1899)].

impleta (Looss, 1899) Stossich, M., 1904e, 2(Tetrodon fahaka).--Bhalerao, G.D., 1936c, 202.--Chatterji, R. C., 1933c, 35 (Tetradon fahaka).--Dayal, J., 1938f, 10, 13.--Gohar, N., 1934a, 323(Tetrodon fahaka;intestin;Egypte). --Harshe, K.R., 1932a, 42 (A. implectum).--Odhner, T., 1910d, 30, 31, 34, 37, 38-40, pl. 2, fig. 7, pl. 6, fig. 3 (Tetrodon fahaka; Omdurman,Sudan). --Olsen, O. W., 1937c, 314, 315, 317, pl. 1, fig. 6.--Yeh, L. -S.; & Fotedar, D. N., 1958a, 18, 19, 20, 25-26, figs. 3-4 (syn.: Astia impleta Looss, 1899).

indica Thapar, G.S., 1933c, 87-94, figs. 1-4 (Chitra indica; intestine; River Gomti, Lucknow, India); 1933d, 260.--Bhalerao, G. D., 1936c, 202.--Dayal, J., 1938f, 10, 13.--Hughes, R. C., Higginbotham, J.W.; & Clary, J. W., 1941a, 42; 1942a, 121.--Olsen, O. W., 1937c, 314, 315, 316, pl. 1, fig. 7.

loossii Mehra, H. R., 1931c, 186-188, fig. 4(Kachuga dhongoka;intestine; Nagpur).--Bhalerao, G. D., 1936c, 196-198, 201, 203, fig. 4(syn.:A. gangeticus Harshe, 1932)(Lissemys punctata;intestine;Nagpur).--Chatterji, R. C., 1933c, 35.--Dayal, J., 1938f, 10, 13.--Harshe, K.R., 1932a, 41.--Hughes, R.C.;Higginbotham, J.W.; & Clary, J. W., 1941a, 41, 42; 1942a, 121(synonymy). --Oguro, Y., 1939a, 635, 636 (Amyda maackii;Manchoukuo).--Olsen, O. W., 1937c, 314, 315, 316, pl. 1, fig. 8 (syn.: A. gangeticus).--Simha, S.S., 1958a, 162, 212, 213, 215 (Kachuga kachuga; Hyderabad).

matthaii Gupta, N.K., [1954a], 172(Lissemys punctata; Hoshiarpur, India); 1954e, 85, 95-96, 97, fig. 5.

monticellii Stossich, M., 1904e, 2-3, fig. 3 (Tropidonotus viperinus, intestine; Naples, Italy).--Bhalerao, G.D., 1936c, 202.--Chatterji, R. C., 1933c, 35.--Dayal, J., 1938f, 10, 13.--Dollfus, R.P.F., 1957f, 48-52, figs. 3-5 (Natrix viperina or N. n. persa;Italy).--Harshe, K.R., 1932a, 42.--Hughes, R. C.; Higginbotham, J.W.; & Clary, J. W., 1941a, 39; 1942a, 121.--Odhner, T., 1910d, 33 (Tropidonotus viperinus).--Olsen, O.W., 1937c, 314, 315, 316, pl. 1, fig. 9.--Radulescu, I., 1959a, 155, 156, 157, fig. 3 (Natrix natrix;darm; Rumania).--Sharpilo, V.P., 1959c, 60(Vipera ursini; Ukraine).--Shevchenko, N. N.; & Barabashova, V.N., [1959a], 383 (Vipera berus; intestine; Kharkov oblast).--Shevchenko, N.N.; & Vergun, G. I., 1960a, 949, 950, 951, 952, fig. 1(Pelobates fuscus, Rana terrestris, R. ridibunda, Hyla arborea, Bithynia leachi, Natrix natrix, Vipera berus; central course of northern Donets, Kharkov oblast).--Yeh, L. -S.; & Fotedar, D.N., 1958a, 18, 19, 20, 26-27, fig. 7-8.

nathi Gupta, N.K., [1954a], 172(Lissemys punctata;Hoshiarpur, India); 1954e, 85, 87-90, 97, fig. 1.

odhneri Bhalerao, G.D., 1936c, 200, 202, 204(syn.:A. reniferum of Odhner, 1911, from Tetradon fahaka).--Dayal, J., 1938f, 10, 14.--Hughes, R.C.; Higginbotham, J.W.; & Clary, J.W., 1941a, 43; 1942a, 121(synonymy)(Trionyx triunguis;Africa).--Olsen, O.W., 1937c, 314, 315, 317, pl. 1, fig. 10.--Yeh, L. -S.; & Fotedar, D. N., 1958a, 18, 19, 20, 27-30, 31, figs. 5-6, 26-30(synonymy).

orientale Yamaguti, S., 1937e, 1-3, 4, 1 pl., figs. 1-3(Amyda japonica;intestine; Korea).--Dayal, J., 1938f, 10, 13.--Gupta, N. K., [1954a], 172 (syn.:A. amydae Ogata, 1938; A. foochowensis Tang, 1941); 1954e, 85, 86.--Hughes, R.C.; Higginbotham, J.W.; & Clary, J.W., 1941a, 43; 1942a, 121 (Trionyx japonica; Japan).--Oguro, Y., 1939a, 633, 634, 635, 636(Amyda maackii; Manchoukuo).

rami Bhalerao, G. D., 1936c, 199-202, 203, 204, fig. 5(Lissemys punctata;intestine;Nagpur, C.P., India).--Dayal, J., 1938f, 10, 13.--Hughes, R.C.;Higginbotham, J.W.; & Clary, J.W., 1941a, 42; 1942a, 121.--Olsen, O.W., 1937c, 317, 332, 333, pl. 5, fig. 74a.--Simha, S. S., 1958a, 162, 211-212, 213, 215 (Kachuga kachuga; intestine; Hyderabad).

renifera (Looss, 1898) Stossich, M., 1904e, 2 (Trionyx nilotica; Egypt).--Bhalerao, G. D., 1936c, 200, 203, 204 (A. reniferum of Odhner, 1911, from Tetradon fahaka, as syn. of A. odhneri Bhalerao, 1936).--Chatterji, R. C., 1933c, 35.--Dayal, J., 1938f, 10, 13.--Gohar, N., 1934a, 323(Trionyx nilotica; intestine; Cairo, T. triunguis; intestine;Omdurman, Sudan).--Harshe, K. R., 1932a, 42.--Hughes, R.C.;Higgin-

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botham, J. W.; & Clary, J. W., 1941a, 43; 1942a, 121(synonymy).--Mehra, H. R.; & Negi, P. S., 1926a, 179.--Odhner, T., 1910d, 30, 31, 32, 33, 35-38, 39, 46, pl. 2, figs. 5-6, pl. 6, figs. 1-2(Trionyx triunguis; Omdurman).--Olsen, O. W., 1937c, 314, 315, 317, pl. 1, fig. 5.--Stafford, J., 1905a, 693 (Trionyx nilotica).--Yeh, L.-S.; & Fotedar, D. N., 1958a, 18, 19, 20-25, figs. 1-2, 9-25.

spinosa Chatterji, R. C., 1933c, 33-35, 39, pl. 1, fig. 1(Clarias batrachus; intestine, stomach; Rangoon, Burma).--Bhalerao, G. D., 1936c, 203.--Dayal, J., 1938f, 10, 13.--Oguro, Y., 1939a, 635, 636(Amyda maackii; Manchoukuo).--Olsen, O. W., 1937c, 314, 315, 316, pl. 1, fig. 5a.--Skrjabin, K. I.; & Antipin, D. N., [1959a], 400, fig. 113(Amyda sinensi; Lake Khanka, Primorski, Krai).

srivastavai Gupta, N. K., [1954a], 172 [nomen nudum]; 1954e, 85, 91-93, 98, fig. 3(Lissemys punctata; intestine; Hoshiarpur, India).

sudanensis Khalil, L. F., 1959a, 263, 264, 265, 266, fig. 1 (Trionyx triunguis(=T. nilotica); intestine; Sudan).

thapari Gupta, N. K., [1954a], 172[nomen nudum]; 1954e, 85, 93-94, 99, fig. 4(Lissemys punctata; intestine; Hoshiarpur, India).

trituri Grabda, B., 1959a, 17-21 (Triturus vulgaris; small intestine; Lake Mamry); 1959b, 489-498, figs. 1-4, (life-cycle) (Triturus natrix, Simocephalus expinosus, Coretus corneus, Eurycercus lamellatus(exper.), Ceriodaphnia reticulata (exper.)).

ASTIOTREMATINAE Baer, J. G., 1924c, 29, 30 (includes: Astiotrema Looss, Glyptheimis Stafford).--Isaichikov, I. M., 1933a, 23.--Olsen, O. W., 1937c, 311 (as syn. of Plagiorchiinae Pratt, 1902, emend.).

ASTIOTREMINAE Fuhrmann, O., 1928b, 113.--Thapar, G. S., 1933c, 90, 92 (diagnosis emend.).

ASTOMIDAE Tryon, H., 1911, 73.

ASTOMUM Schlotthauber, 1860a, 129(mt.: A. poricola).

poricola Schlotthauber, 1860a, 129(Anas boschas).

ASTRIOTREMA Rahimullah, M.; & Das, B. K., 1934b, 207[for Astiotrema].

ASTRORCHIS Poche, F., 1926b, 212(tod.: A. renicapite; fam. Pronocephalidae). Fuhrmann, O., 1928b, 122.--Mehra, H. R., 1932a, 327.--Price, E. W., 1931g, 6, 9.

renicapite (Leidy, 1856) Poche, F., 1926b, 212(tod).--Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 41; 1942a, 115(synonymy)(Dermochelys coriacea; Massachusetts & Tunisia).--Price, E. W., 1931g, 7.

sphargidis (MacCallum, 1921) Skrjabin, K. I., 1955, 25, 26, 29, fig. 5(syn.: Monostomum sphargidis MacCallum, 1921) (Sphargis coriacea).

ASYMPHYLODERA Kowalewski, M., 1902d, 26(misprint for Asymphylodora).

perlata (von Nordmann, 1832) Kowalewski, M., 1902d, 26.

ASYMPHYLODORA Looss, A., 1899b, Dec., 598-599(tod.: A. perlata); 1902m, 760.--Bittner, H.; & Sprehn, C. E. W., 1928a, 2(spelled Asymphlodera), 74, 76, 89, 94.--Faust, E. C., 1932d, 466.--Fuhrmann, O., 1928b, 52, 104.--Hopkins, S. H., 1941b, 397, 398(Monorchiidae).--Isaichikov, I. M., 1926c, 160-161.--Luehe, M. F. L., 1900u, 487; 1901n, 488; 1909b, 90, 92-93.--Odhner, T., 1911f, 251-252.--von Ofenheim, E., 1900b, 183.--Pratt, H. W., 1902a, 888, 902(key)(related to Haplometrinae).--Sewell, R. B. S., 1922a, 102, 341.--Sobolev, A. A., 1955a, 378-381(key)(syn.: Parasymphylodora Szidat, 1943).--Srivastava, H. D., 1936d, 319.--Stunkard, H. W., 1955c, 633-644.--Szidat, L., 1926b, 274; 1943a, 25-61; 1944b, 205, 212.

species Barysheva, A. F.; & Bauer, O. N., [1958a], 182 (Alburnus alburnus; Lake Ladoga).

species Borovitskaia, M. P., 1952a, 12 (Scardinius erythrophthalmus).

species Dhingra, O. P., 1955a, 19-29, pls. 1-4, figs. 1-89.

species (Cercariaeum 2) Emmel, L., 1942a, 94, figs. 14 a-c(Bithynia tentaculata, B. leachi; Berlin).

species Ergens, R., 1960b, 77-78, figs. 22a(sp. 1 in Leuciscus svallize; intestine; Albania).

species Ergens, R., 1960b, 77, 78, fig. 22b, (sp. 2 in Leuciscus svallize; intestine; Albania).

species Ergens, R., 1960b, 77, 78, fig. 22c, (sp. juv. in Leuciscus svallize; intestine; Albania).

species Latysheva, N., 1939a, 224-225, fig. 7(metacercariae type VII in Syndesmya ovata, Azov sea).

species Markevich, A. P., 1934b, 36(iaz [Leuciscus idus]; intestine; lakes near Leningrad).

species Okabe, K., 1940a, 312, 313, 314, 315, 316, 318, 319, 320(Zacco platypus, Z. temmincki, Paracheilognathus rhombea, Leucogobio gracilis, Rhodeus oryzae, Leucopsarion petersi, Pseudogobio esocinus, Rhodeus oryzae, Acheilognathus lanceslata; Fukuoka Prefecture).

species Shevchenko, N. N., 1954b, 76 (Leuciscus idus; northern Donets River).

species Shevchenko, N. N., 1956b, 274, 281(Leuciscus idus;northern Donets).

species Shevchenko, N. N., 1957a, 8(Leuciscus idus;northern Donets).

species Stunkard, H. W., 1955c, 633-644 (Amnicola limosa; haemocoele, Perca flavescens, Fundulus diaphanus, Micropterus dolomieu, Lepomis macrochirus;intestine;Massachusetts).

species Wiśniewski, W. L., 1958a, table XIIa between 40, 41 (metacercariae in Bithynia tentaculata, Vivipara vivipara;Druzno Lake, Poland).

species Yamaguti, S., 1934a, 394-395 (larval stage of A. macrostoma Ozaki, 1925, in Chaenogobius macrostomus; peribuccal connective tissue).

species Yamaguti, S., 1938c, 89, 139, 1 pl., fig. 7 (larval stage of A. japonica Yamaguti, 1938, in Bulimus striatulus japonicus;Okayama).

species Yamaguti, S., 1938c, 88-89[=?A. japonica n. sp.] (Cobitis biwae; small intestine; River Katura).

amnicolae Stunkard, H. W., 1959e, 562, 570-574, pl., figs. 1-7(Amnicola limosa;Woods Hole region, Massachusetts).

atherinopsidis Annereaux, R. F., 1947a, 250-253, pl. 1, fig. 2 (Atherinopsis californiensis; intestine; Stinson's Beach, California).

carpiae Szidat, L., 1943a, 35, 36, 45, 55, 58-59, figs. 4b, 24b(syn.:A. tincae var. kubanicum Isaichikov, 1923 pp.;A. tincae Witenberg und Eckmann 1935 pp.).--Markevich, A. P., [1952a], 137 (Cyprinus carpio;intestine;Syria).

cubanicum Dubinina, M. N., 1949b, 111 (for kubanicum).

demeli Markowski, S., 1935b, 253, 254-256, 260, pl. 10, figs. 1-4(Gobius minutus; intestine; Polish Baltic); 1936a, 292, 294, 303, 304-306, 313, 315, pl. 13, figs. 17-18, pl. 14, fig. 19(Theodoxus fluviatilis, Hydrobia ulvae, H. ventrosa, Radix ovata baltica;liver, Cardium edule; mouth tissue, gills; Hel Peninsula); 1939a, 82, 83(Nerophis ophidion; intestine; Putzig Bay).--Agapova, A. I., 1960a, 201(Leuciscus idus;Kustanai oblast).--Kudriavtseva, E. S., 1957a, 1294 (karas' [Carassius]; northern Dvina basin).--Maksimova, A. P., 1957a, 149(Leuciscus idus; central Kazakhstan).--Sidorov, E. G., 1956a, 238 (iaz'[Leuciscus idus]; Irgiz-Turgay basin); 1958a, 39(Rutilus aralensis; Nurinsk reservoir); 1959a, 136(central Kazakhstan).--Szidat, L., 1943a, 42-44, 53, 55, 58-59, figs. 10-11, 24f (Gobius minutus;Danziger Bucht).

diplorchis Yamaguti, S., 1936f, 4-6, fig. 7(Pseudogobio esocinus;intestine; Lake Suwa, Nagano Prefecture).--Szidat, L., 1943a, 48(as syn. of Palaeorchis diplorchis(Yamaguti, 1936)).

dneproviana Ivanitskii, S. V., (1928a), 30.--Markevich, A. P., [1952a], 134-135, fig. 53 (as syn. of A. imitans (Mühling, 1898)).

dollfusi Biguet, J.; Deblock, S.; & Capron, A., 1956a, 525-542, figs. 1-7 (Bythinia leachi, nord de la France).

exspinosa (Hausmann, 1896) Looss, A., 1899b, 598, 599.--Bittner, H.; & Sprehn, C. E. W., 1928a, 16, 88.--Isaichikov, I. M., 1926c, 164.--Ivanov, A. S., 1946a, 121, 123 (Rutilus rutilus caspicus; Volga delta).--Luehe, M. F. L., 1909b, 93, 94, fig. 77 (Barbus barbus).--Serkova, O. P.; & Bykhovskii, B. E., 1940a, 165 (Barbus barbus).--Szidat, L., 1943a, 29, 40-41, 55, 58-59, fig. 9, 24d (syn.: Distomum perlatum von Nordmann var. exspinosum Hausmann, 1897)(Barbus barbus;Basel).--Witenberg; G. G.; & Eckmann, F., 1934a, 369-370.

ferruginosa (von Linstow, 1877) Luehe, M. F. L., 1909b, 93-94, fig. 75(Barbus barbus; intestine; Europe).--Bittner, H.; & Sprehn, C. E. W., 1928a, 16, 46, 51, 94 (Abramis brama, Barbus barbus).--Isaichikov, I. M., 1926c, 164.--Krotas, R. A., 1959b, 166 (usach [Barbus barbus];Lithuania).--Popov, N. P., 1926a, 71.--Serkova, O. P.; & Bykhovskii, B. E., 1940a, 164(Barbus barbus, Abramis brama).--Sobolev, A. A., 1955a, 382, 407(syn.:Distomum ferruginosum von Linstow, 1877;D. punctum Zeder, 1800(?)) (Barbus barbus).--Szidat, L., 1943a, 42, 55, 58-59, fig. 24e (syn.:Distomum ferruginosum von Linstow, 1877)(Barbus barbus;Hameln).--Witenberg, G. G.; & Eckmann, F., 1934a, 369(as syn. of A. tincae(Modeer, 1790).--Zandt, F., 1924a, 235, 265, 267 (Tinca vulgaris; Bodensee).

imitans (Muehling, 1898) Looss, A., 1899b, 598.--Bittner, H.; & Sprehn, C. E. W., 1928a, 16, 88.--Bogdanova, E. A., 1959b, 145 (lin [Tinca tinca]; Volga River in region of future Stalingrad reservoir).--Borovitskaia, M. P., 1952a, 15 (Blicca bjoerkna).--Bykhovskaia, I. E.; & Bykhovskii, B. E., 1940a, 132.--Bykhovskii, B. E., 1929a, 25 (Abramis brama).--Chernishenko, A. S., 1957a, 197(Blicca bjoerkna, Rutilus rutilus; Neogobius fluviatilis, Abramis brama;Dniester estuary).--Dubinina, M. N., 1949b, 111 (Abramis brama; Volga delta).--Ginetsinskaia,

T.A., 1958a, 66, 72(=Cercariaeum limnaei auriculariae (Filippi)) (Anisus vortex, A. contortus, mollusc, larv [illegible] leshch (Abramis brama, gustera Blicca bjoerkna); Kiliyskii reservoir). --Ivanov, A.S., 1940a, 122, 125(Abramis brama: Volga delta). --Kosarev, N. A., 1958a, 109(Abramis brama: intestine; reservoirs of Volga-Don Canal). --Koval, V. P. & Piriatnik, G. I., [1958a], 214 (liasch (Abramis brama, gustera Blicca bjoerkna, rybets (Vimba vimba); southern Bug). --Kovtun, S. A., 1940b, 100 (Abramis brama, Aspius aspius); intestine; Lithuania). --Liebe, M. F. L., 1909b, 93, 94, 208, fig. 7b (Abramis brama: intestine; Europe). --Markevich, A. P., 1934b, 36(Abramis brama: intestine. Province de Leningrad). [illegible] (Abramis brama, A. sapa, Blicca bjoerkna, Vimba vimba). --Nikolaev, I. N., 1958a, 44 (Abramis sapa bergi: Kura River). --Popov, N. P., 1928a, 67-71. --Serkova, O. P. & Sviblovskii, B. E., 1940a, 165(Abramis brama). --Shevchenko, N. N., 1954b, 76 (Abramis brama, Blicca bjoerkna: mouth of Donets River). --1956b, 274, 284, 285, 289(Vimba vimba, Abramis ballerus: northern Donets); 1957a, 8. --Smirnova, K. V., 1954b, 185, 191(Abramis brama: Don River Blicca bjoerkna, Tsimlianskii reservoir). [illegible] (Abramis brama, gustera Blicca bjoerkna, rybets (Abramis brama, Tsimlianskii reservoir). --Shtein, V. P., 1954, 157 (rybets (Abramis brama, gustera Blicca bjoerkna, beloglazka (Abramis sapa: upper Volga). --Szidat, L., 1945a, 29, 35, 36-42, 55, 58-59, figs. 4a, 5-6, 24c, 25b(syn.: Distomum umitans Muehling, 1898)(Abramis brama, Abramidopsis leucaroni, Blicca bjoerkna). 1944b, 187-188(Abramis brama). --Wittenberg, G. G., & Eckmann, F., 1934a, 370. --[illegible] (Abramis brama, Transcarpathia). --Zakhvatkin, V. A., & Kulakova, O. P., 1951a, 153 (Abramis brama, upper Dniester).

[illegible] Srivastava, H. D., 1938a, 311-313, 1 fig. (Ophiocephalus punctatus: gut: India). --Soni, W. H., & Kundu, R. K., 1940c, 12c (Ophiocephalus punctatus: intestine; Datta, East Pakistan). --Szidat, L., 1945a, 40(as syn. of Paryphostomum [illegible]).

japonicus Yamaguti, S., 1938c, 2, 87-89, 156, fig. 47, 1 pl., fig. 7(Cottus brevis: River Katura, larval stage (A. sp. Yamaguti, 1934] in Cyprinus carpio: Lake Biwa, Okayama Prefecture. Salmus striatulus japonicus: Okayama); 1941, 330-37, Cyprinus carpio: Nasumigaura).

kedarni Srivastava, N. N., 1951a, 7-12, fig. (Puntius sophore (syn. Barbus stigma: Thamarwa, District Hardoi U. P.).

kubanicum (Isaichikov, 1923) Bykhovskaia, I. E., & Bykhovskii, B. E., 1940a, 148, 152-153, 161, figs. 6-7 (Rutilus rutilus: intestine, kidney). --Borovitskaia, M. P., 1952a, 15, 18 (Blicca bjoerkna, Cyprinus carpio, Danube). --Cherepanchenko, A. S., 1957a, 198 (Blicca bjoerkna, Cyprinus carpio, Abramis brama, Dniester estuary). --Chernyshenko, A. S., 1956a, 288(fish:Dniester estuary). --Dubinina, M. N., 1949b, 111 (Abramis brama: Volga delta). --Kamenev, V. P., 1958a, [illegible] (Rutilus rutilus heckeli: Prianovsk estuary). --Komarova, M. S., 1957a, 654-657 (mouth Donets River). --Koval, V. P. & Piriatnik, G. I., [1958a], 215 (liasch [Abramis brama], krasnoperka [Scardinius erythrophthalmus] tarar, Rutilus rutilus, gustera, Blicca bjoerkna; southern Bug). --Markevich, A. P., [1952a], 137, fig. 57(syn.: A. tincae subsp. kubanicum Isaichikov, 1923) (Cyprinus carpio, Abramis brama). --Mikailov, T. K. [1963a], 44, 45, 46 (Abramis sapa berg, Abramis brama [illegible], Barbus brachycephalus caspius, Chalcalburnus chalcoides, Cyprinus carpio: Kura River). --Osmanov, S. O., 1956a, 195 (Aral Sea). --Shevchenko, N. N., 1954b, 75 (Abramis brama: northern Donets River). --Shuman, S. S., 1949d, 217 (Acipenser nudiventris: Aral Sea).

[illegible] Bellows, T. V. in Sobolev, A. A., 1955a, 420-431, fig. 129 (Mugilogaster angulatus: intestine, [illegible] near Tuapse, River 5567).

macrostoma Odhner, T., 1905a, 104-107, fig. (Mergus [illegible] serrator: Sweden). --Saito, K., 1934a, 104-131, 134, 2 pls., figs. 2, 13. --Serkova, O. P., & Sviblovskii, B. E., 1940a, 165 (Mergus[illegible] obscura). --Szidat, L., 1945a, 44 (as syn. of Paryphostomum [illegible] macrostoma (Osaki, 1925)). --Takahashi, Y., 1953a, 220, 224, 226, 231(Zacco temminckii: Yamaguchi Prefecture. --Wittenberg, G. G., & Eckmann, F., 1934a, 370. --Yamaguti, S., 1934, 343, 346-347, Cyprinus [illegible] carpio, River Yoro & Lake Biwa, Prefecture; Nota parva, Lake Biwa, Prefecture; Salmo [illegible] ishikawae, Nasumigaura,

Leuciscus hakonensis; Namerikawa, Moroco steindachneri; River Yura, Mogurnda obscura; cloaca; Lake Ogura, Chaenogobius macrostomus; peribuccal connective tissue); 1938c, 86-87, 89, 139, fig. 6 (Gnathopogon elongatus caerulescens; Lake Biwa, Cobitis biwae; River Katura).

markewitschi Kulakivska, O. P., (1947a), 152-154. --Agapova, A. I., 1960a, 201 (Leuciscus idus; Kustanai oblast). --Chernishenko, A. S., 1957a, 197 (Scardinius erythrophthalmus, Carassius carassius; Dniester estuary). --Ergens, R., 1960b, 76-77, fig. 21 (Leuciscus cephalus albidus; intestine; Albania). --Kosheva, A. F., 1959a, 120 (iaz [Leuciscus idus]; Kuibyshev reservoir). --Koval, V. P.; & Pirianik, G. I., [1958a], 215 (krasnoperka [Scardinius erythrophthalmus], karas [Carassius carassius]; southern Bug). --Kozicka, J., 1959a, 45-48, fig. 17 (Scardinius erythrocephalus; Druzno Lake). --Krotas, R., [1959a], 94 (Scardinius erythrophthalmus, Carassius carassius; Lake Trakai). --Kudriavtseva, E. S., 1957a, 1294 (karas [Carassius]; northern Dvina basin). --Maksimova, A. P., 1957a, 149 (Leuciscus idus; central Kazakhstan). --Markevich, A. P., [1952a], 135, 136, fig. 54 (Carassius; Dnieper, Bug, Dniester, Duna). --Mikailov, T. K., [1960a], 46 (Cyprinus carpio; Kura River). --Palii, M. A., 1957a, 120 (Scardinius erythrocephalus; western Bug). --Pozdniakova (Vikhrova), M. N., [1958a], 335 (Leuciscus idus; Novgorod oblast). --Shevchenko, N. N., 1954b, 76 (Scardinius erythrophthalmus, Carassius carassius; northern Donets River); 1956b, 274, 283, 286 (Carassius carassius, Scardinius erythrophthalmus; northern Donetz). --Sidorov, E. G., 1956a, 237-238 (karas zolotoi [Carassius carassius], iaz [Leuciscus idus]; Irgiz-Turgay basin); 1957a, 134, 137, 138 (Carrassius carassius, Leuciscus idus; Lake Kourgaldjine); 1958a, 39 (Leuciscus idus; Nura River, Nurinsk reservoir, L. baicalensis n. kirgisorum; Nura River, Rutilus aralensis; Nurinsk reservoir); 1959a, 136 (central Kazakhstan). --Smirnova, K. V., 1954b, 190, 193 (Leuciscus idus, Carassius auratus gibelio; Tsimliansk reservoir). --Zarnitsyn, V. A., & Kulakivska, O. P., 1954a, 152 (Carassius carassius, Scardinius erythrophthalmus; upper Dniester).

nodulosum (Froelich, 1791) Sewell, R. B. S., 1922a, 162.

perlata (von Nordmann, 1832) Loose, A., 1899b, 598, 599. --Kowalewski, M., 1902d, 26; 1907c, 11 (Tinca vulgaris; Dublany). --Odhner, T., 1905a, 322. --Szidat, L., 1943a, 29 (as syn. of A. tincae Modeer, 1790).

ponticae (Chernyshenko, 1949) Chernyshenko, A. S., 1955a, 215 (Neogobius melanostomus; intestine; Odessa Bay). --Markevich, A. P., [1952a], 135-136, fig. 55 (Neogobius melanostomus; Odessa Bay). --Sobolev, A. A., 1955a, 436, 439, fig. 132 (syn.: A. tincae subsp. pontica Chernyshenko, 1949).

progenetica Serkova, O. P.; & Bykhovskii, B. E., 1940a, 162-175, figs. 1-5 (Bithynia tentaculata, Rutilus rutilus (exper.)). --Kuprijanova-Shakhmatova, R. A., 1959b, 146, fig. 1 (progenetic metacercaria in Bithynia tentaculata; Borsk region, Gorki oblast, left bank of Volga).

tincae (Modeer, 1790) Luehe, M. F. L., 1909b, 93, figs. 73, 74 (Tinca tinca; intestine; Europe) (larva-Cercariaeum paratincae impurae in Bithynia tentaculata). --Abe, T., 1941a, 957, 980, 981, 1025, 1027, 1035, 1036, 1038, 1 pl., fig. 18 (Rhodeus lanceolatus; Okayama Prefecture); 1941b, 1209, 1210, 1216, 1217, 1218, 1219. --Agapova, A. I., 1956a, 13, 43, 47, 50 (Tinca tinca, Abramis brama orientalis, Cyprinus carpio; reservoirs, western Kazakhstan); 1960a, 198 (Tinca tinca; Kustanai oblast). --Bieler, W., 1913b, 571. --Bittner, H.; & Sprehn, C. E. W., 1928a, 16, 33, 50, 70, 94, fig. 36b (Tinca tinca, Bithynia tentaculata, Limnaea auricularis). --Borovitskaia, M. P., 1952a, 14, 21 (Tinca tinca; Danube). --Bykhovskaia, I. E.; & Bykhovskii, B. E., 1940a, 148, 151 (Tinca tinca; intestine). --Bykhovskii, B. E., 1929a, 16, 18, 19, 25, 27 (Tinca tinca); 1936a, 449, 470, 478, 479, 481 (Tinca tinca; Baraba Lakes). --Carrère, P., 1937a, 158-159 (Bythinia tentaculata, Limnaea auricularis, L. palustris, Physa acuta, Planaria lugubris, Dendrocoelum lacteum, Herpobdella atomaria, Alburnus bipunctatus, Rana esculenta, Hyla arborea, Pelobates cultripes, Bufo vulgaris, Scardinius erythrophthalmus). --Chernyshenko, A. S., 1957a, 197 (Tinca tinca; Dniester estuary. --Date, T., 1943a, 1494, 1499, 1501, 1543-1548, 1571, 1 pl., fig. 26. --Deblock, S.; Capron, A.; & Biguet, J., 1957a, 208-218, figs. 1-7 (Tinca tinca; Sommet). --Dobrokhotova, O. V., 1953a, 171 (carp; Lake Zaisan-Nor); 1960a, 114, 116, 117, 119, 121 (Rutilus rutilus lacustris, Tinca tinca, Leuciscus idus, Carassius carassius, Carassius gibelio, Cyprin-

nus carpio;intestine; Lake Zaisan).--Dubois, G., 1929a, 103, 104.--Dyk, V., 1954b, 282; 1955d, 42(4) (Rutilus rutilus); 1959c, 36.--Emmel, L., 1942a, 94-95, figs. 12-13.--Fuhrmann, O., 1916c, 395, 396.--Golikova, M. N., 1960e, 82, 84 (=Cercariaeum squamosum Fuhrmann, 1916)(Valvata piscinalis;Kaliningrad region); 1960a, 114(Tinca tinca, Radix limosa, Limnaea stagnalis, Planorbis carinatus; Kalingrad region).--Isaichikov, I. M., 1926c, 160, 161, 164.--Ivasik, V. M., 1960a, 300 (Tinca tinca;western oblasts of Ukrainian SSR).--Jääskeläinen, V., 1921a, 48 (Leuciscus rutilus;Finnland).--Kahls, O., 1930a, 54.--Kogteva, E. P., [1958a], 247 (Tinca tinca;Pskov-Chud reservoir).--Komarova, M. S., 1951b, 177-178, fig. 1(life cycle)(Bithynia tentaculata, Radix auricularia); 1957a, 655 tench; Donets River).--Kotova, E. I., [1937a], 129, 130, 138 (Tinca tinca; Klyazma River in the region of the Bolshev Biological Station).--Koval, V. P.; & Pirianik, G. I., [1958a], 214 (lin [Tinca tinca]; southern Bug).--Kozicka, J., 1959a, 44-45, 46, fig. 16 (Tinca tinca; intestine; Druzno Lake).--Krotas, R., [1959a], 94 (Tinca tinca; Lake Trakai).--Kuyama, S., 1938a, 328(Bulimus striatulus; Japan).--Kuz'menko, M. P., 1945a, 29(Capoetobrama kuschakewitschi; intestine; central Asia).--Lucký, Z., 1955c, 53-55, figs. (tench; intestine; Moravia).--Markevich, A. P., 1935b, 36(=Distomum perlatum von Nordmann)(lin (tench?); Province de Leningrad); [1952a], 134 (syn.: Fasciola tincae Modeer, 1790; Distomum perlatum von Nordmann, 1832; D. punctatum Zeder, 1800).--Matevosian, E. M.; Petrochenko, V. I.; & Garizhskaia, N. N., 1959a, 150 (lin [Tinca tinca]; intestine; Volga).--Mathias, P., 1925a, 7(Tinca tinca, Bithynia tentaculata).--Milicer, W., 1938a, 98, 100, 105, table 2(Tinca tinca, Scardinius erythrophtalmus;alimentary canal; Wigry-Sees).--Mironchenko, O. A., 1938a, 278-279, 280, 281 (Carassius carassius, C. auratus gibelio;intestine; Lake Zaisan & Black Irtysh).--Nishimoto, M., 1958a, 580 (Parafossarulus manchouricus;Tokushina Prefecture).--Palii, M. A., 1956a, 285, 286 (fish; western Bug); 1957a, 119(Tinca tinca; western Bug).--Petrushevskii, G. K., [1958a], 311 (lin [Tinca tinca]; Lithuanian SSR).--Petrushevskii, G. K.; Pozdniakova(Vikhrova), M. N.; & Shul'man, S. S., [1958a], 337 (Tinca tinca; Braslav Lake, Belorussia).--Plehn, M., 1924a, 87 (Bythinia tentaculata, Limnaea auricularia).--von Querner, F. R., 1929a, 556.--Ruszkowski, J. S., 1925c, 176; 1926b, 176 (Tinca tinca;intestine; Warsaw, Poland).--Serkova, O. P.; & Bykhovskii, B. E., 1940a, 164 (Tinca tinca).--Sewell, R. B. S., 1922a, 162, 340(syn.:Distomum perlatum von Nordmann).--Shevchenko, N. N., 1954b, 76 (Tinca tinca; northern Donets River); 1956b, 387 (Tinca tinca; northern Donets).--Siderov, E. G., 1957a, 134, 139 (Tinca tinca; Lake Kurgal'dzhin); 1958a, 39 (Tinca tinca;Nurinsk reservoir, Nura River, Rutilus rutilus aralensis;Nura River); 1959a, 136(central Kazakhstan).--Smirnova, K. V., 1954b, 183, 191 (Tinca tinca; Tsimliansk reservoir, Don River).--Sprehn, C. E. W., 1932c, 35, fig. 23.--Stoliarov, V. P., 1952a, 268, 269; 1954b, 162, 168 (Tinca tinca;Leuciscus idus;intestine;Rybinsk reservoir); 1955a, 187 (lin [Tinca tinca]; iaz [Leuciscus idus];upper Volga).--Szidat, L., 1932b, 496; 1943a, 28, 29-36, 55, 58-59, figs. 1-2, 24a, 25a(syn.: Distoma tincae Modeer, 1790;D. perlatum von Nordmann, 1832; Asymphylodora perlata Looss, 1899); 1943a, 36 (A. tincae Witenberg und Eckmann, 1935 pp., as syn. of A. carpiae Szidat, 1943).--Volkova, M. M., 1941a, 27, 29 (Rutilus rutilus, Leuciscus idus, L. l. baicalensis; Ob River).--Walton, A. C., 1946h, 591 (Hyla arborea - H. viridis; Europe); 1947f, 685 (Rana esculenta; Europe).--Wikgren, B.-J., 1956a, 84 (Finland); 1956a, 72, 73, figs. 60,61 (syn.:Cercariaeum paludinae impurae (Filippi 1854), (Bithynia tentaculata; Finland).--Wiśniewski, W. L., 1958a, 32 (Tinca tinca;Druzno Lake, Poland).--Witenberg, G. G.; & Eckmann, F., 1934a, 366-371, figs. 1-3 (syn.: A. ferruginosa(von Linstow, 1877);A. tincae kubanicum Isaichikov, 1923: Distoma punctum (Zeder, 1800)) (Cyprinus carpio; Lake Antioch, Syria).--Wunder, W., 1927a, 762.--Yoshino, K., 1940a, 277, 295, 296, 297, 307 (Carassius auratus; Okayama).--Zakhvatkin, V. A., 1938a, 194, 195, 202, 203, 209, 219, 241(Tinca tinca, Carassius auratus gibelio, C. carassius; Zaissan See, Irtysh Fluss); 1951a, 124, 140(Perca fluviatilis;Transcarpathia); 1955a, 15 (lin [Tinca tinca]; Tur Lake, Zabolot'ev region, Volyn oblast (Polesia)).--Zakhvatkin, V. A.; & Kulakivs'ka, O. P., 1951a, 152(Tinca tinca, Leuciscus cephalus, upper Dniester).--Zandt, F., 1924a, 235, 267 (Tinca

vulgaris;Bodensee).

tincae donicum (Isaichikov) Dogiel, V. A.; & Bykhovskii, B. E., 1934a, 257, 286, 287, 288-289, 334, 335, 342, 343 (Barbus capito conocephalus, B. brachycephalus, Abramis brama, A. sapa, Acipenser nudiventris, Chalcalburnus chalcoides, Leuciscus idus oxianus, Aspius aspius, Cyprinus carpio, Rutilus rutilus;Aral Sea) [? lapsus for A. tincae kubanicum Isaichikov].

tincae exspinosum (Hausmann, 1897) Sewell, R.B.S., 1922a, 162, 340 (=perlatum expinosum Hausmann).

tincae kubanicum Isaichikov, I.M., 1926c, 160, 161-163, 164, 1 fig. (Cyprinus carpio, Abramis brama;intestine; Kuban river).--Markevich, A. P., [1952a], 137, fig. 57 (as syn. of A. kubanicum Isaichikov, 1923).--Serkova, O.P.; & Bykhovskii, B.E., 1940a, 164.--Szidat, L., 1943a, 36 (as syn. of A. carpiae Szidat, 1943).--Witenberg, G. G.; & Eckmann, F., 1934a, 370 (as syn. of A. tincae).

tincae pontica Chernyshenko, A.S., 1949a, 85-87, fig. 7 (Gobius melanostomus; Black Sea).--Sobolev, A.A., 1955a, 382, 436, 439, fig. 132 (as syn. of A. pontica).

ASYMPHYLODORINAE Szidat, L., 1943a, 25, 52, 56, 57, 60.--Sobolev, A.A., 1955a, 264, 265, 377-456 (includes:Palaeorchis Szidat, 1943; Asymphylodora Looss,

(ATALOSPARGANUM) Ishii, N., 1935e, 296, 299 (subg. of Atalostrophium;tod.: Atalostrophium (Atalosparganum) sardae MacCallum, 1915).—Baylis, H.A., 1938d, 491 ("should be Atalostrophion MacCallum, 1915").

ATALOSTROPHIINAE Yamaguti, S., 1958a, 329.

(ATALOSTROPHION) Skrjabin, K.I., 1955g, 235 (subg. of Atalostrophion MacCallum).

ATALOSTROPHION MacCallum, G. A., 1915b, 405; (tod:A. sardae); 1917b, 74.--Baylis, H.A., 1938d, 491.--Dollfus, R.P.F., 1926a, 148, 150.--Fuhrmann, O., 1928b, 111.--Ishii, N., 1935e, 292, 294, 295 (as syn. of Atalostrophium emend.).--Poche, F., 1926b, 209 (fam. Didymozoidae).

biovarium Skrjabin, K. I., 1955g, 235, 241, fig. 73 (subg. Atalostrophion) (syn.: Atalostrophium (Atalosparganum) sp. Ishii, 1935) (Katsuwonus vagans; gill cavity;Japan).

epinepheli MacCallum, G.A., 1917b, 71-73, fig. 35 (Epinephelus striatus;branchial cavity;New York Aquarium from Bermuda).--Dollfus, R.P.F., 1926a, 150, 159.

orbitarium Dollfus, R.P.F., 1956g, 365-366, figs. 1-9 (Ruvettus pretiosus; orbit; cote atlantique du Maroc).

promicrops MacCallum, G. A., 1915b, 409 (Promicrops guttatus; gills, New York Aquarium).--Dollfus, R. F. P., 1926a, 150, 159.--Skrjabin, K.I., 1955g, 241 (subg. Atalostrophion).

sardae MacCallum, G. A., 1915b, 405-409, figs. 137, 138 (Sarda sarda;gills; Woods Hole).—Dollfus, R.P.F., 1926a, 150, 155.--Skrjabin, K.I., 1955g, 235-236, figs. 71-72 (subg. Atalostrophion).

tomex (Linton, 1907) Hanson, M. L., 1950a, 85, 86, 87 (Bermuda).

ATALOSTROPHIUM Ishii, N., 1935e, 292, 296, 297, 298 (Nematobothriinae) (emend.; syn.: Atalostrophion MacCallum, 1915;includes:Maccallozoum, Atalosparganum; type:A. sardae MacCallum, 1915).

species Ishii, N., 1935e, 299, 304 (subg. Atalosparganum) (Scomber japonicus; gill cavity; Tokyo).

species Ishii, N., 1935e, 309-310, fig. 18 (Katsuwonus vagans; gill cavity).--Skrjabin, K.I., 1955g, 241 (as syn. of Atalostrophion (Atalostrophion) biovarium Skrjabin, 1955).

epinepheli (MacCallum, 1917) Ishii, N., 1935e, 299, 304 (subg. Maccallozoum) (Epinephelus striatus; New York).--Skrjabin, K.I., 1955g, 242.

promicrops (MacCallum, 1915) Ishii, N., 1935e, 299, 304 (subg. Atalosparganum) (Promicrops guttatus; New York).

sardae (MacCallum, 1915) Ishii, N., 1935e, 299, 304 (tod) (subg. Atalosparganum) (Sarda sarda; Woods Hole, Massachusetts).

ATEUCHOCEPHALA Coil, W.H.; & Kuntz, R.E., 1960b, 147, 149 (tod:A. marinus n. sp.).

marinus Coil, W. H.; & Kuntz, R. E., 1960b, 148, 149, figs. 2, 4, (tod) (Laticauda semifasciata; small intestine; Hung Tou & Tung Ching, Lan Yü Island).

ATHESMIA Looss, A., 1899b, 635-637 (mt: A. heterolecithodes) [not Athetmia 1816, lepidopteron].--Bittner, H.; & Sprehn, C.E.W., 1928a, 2, 279.--Braun, M.G.C.C., 1901a, 34; 1901h, 702.--Denton, J.F.; & Byrd, E.E., 1948a, 24.--Dollfus, R. P. F., 1922e, 333, 336, 341; 1954c, 594, 595, fig. j.--Fuhrmann, O., 1928b, 115.—Goldberger, J.; & Crane, C.G., 1911a, 48.—Kobayashi, H., 1921e, 388.--Luehe, M.F.L., 1909b, 133.--McIntosh, A., 1937b, 23 (key).--Odhner, T., 1910d, 89.--Poche, F., 1926b, 141 (Dicrocoeliidae).--Pratt, H.S., 1902a, 889, 904 (key).--Skrjabin,

K. I., 1920c, 9.--Sprehn, C. E. W., 1932c, 222, 225.--Stiles, C. W., 1901r, 189.--Travassos, L. P., 1917h, 737; 1918c, 5; 1920d, 11, 15; 1942b, 349; 1944a, vi, 231-232.--Yamaguti, S., 1958a, 751 (syn.: Lyperotrema, Hepatotrema).

species Strong, R. P.; Shattuck, G. C.; & Wheeler, R. E., 1926a, 127 (Callicebus caligatus; duodenum, bile passages; Amazon).--Travassos, L. P., 1944a, 246.

species Travassos, L. P.; Teixeira de Freitas, J. F.; & Lent, H., 1939a, 229 (Harpyprion coerulescens; Estrado de Ferro Noroeste, Brasil).

species Travassos, L. P.; Teixeira de Freitas, J. F.; & Lent, H., 1939a, 231 (Jacana spinosa jacana; Estrado de Ferro Noroeste, Brasil).

atillae Stunkard, H. W., 1923e, 72 [for attilae Travassos].

attilae Travassos, L. P., 1917c, 149 (Attila cinerea; biliary canaliculae; Angra dos Reis, Estado do Rio); 1920d, 15, fig. 5; 1921n, 180 (Parra jacana; gall bladder; Santa Cruz); 1922f, 188 (Parra jacana; Eurypyga helias; gall bladder; 1928c, 318, 353.--Lutz, A., 1928a, 121.--McIntosh, A., 1937b, 23.--Stunkard, H. W., 1923e, 72.--Travassos, L. P.; Pinto, C. F.; & Muniz, J., 1927a, 257.

butensis Petri, L. H., 1942a, 58, 59, 60-61, pl., figs. 2-4 (Buteo galapoensis; intestine; Galapagos, Islands).

foxi Goldberger, J.; & Crane, C. H., 1911a, 48-55, pls. 7-8, figs. 21-25 (Cebus capucinus; liver; Hygienic Lab., Washington, D.C.).--Caballero y C., E.; Grocott, R. G.; & Zerecero y Díaz, M. C., [1953a], 184-187, figs. 3-5 (Cebus capucinus; bile ducts; Panama).--Dollfus, R. P. F., 1922e, 333.--McIntosh, A., 1937b, 23.--Strong, R. P.; & Shattuck, G. C., 1930a, 419.--Stunkard, H. W., 1923e, 71-79, pl. 8, figs. 1-5 (Cebus apella; liver; Bronx Park, New York, C. capucinus; liver).--Travassos, L. P., 1920d, 15 (Cebus capucinus; liver); 1942b, 349; 1944a, vi, 21, 244-245, 290, pl. 88, figs. 3-4, pl. 89, figs. 1-5 (Cebus capucinus, C. apella; South America).

heterolecithodes (Braun, 1899) Looss, A., 1899b, 635; 1902m, 789 (tod).--Bittner, H.; & Sprehn, C. E. W., 1928a, 24, 93.--Braun, M. G. C. C., 1901h, 702.--Denton, J. F.; & Byrd, E. E., 1951a, 170, 182-183, 199, fig. 36f (Gallinula chloropus cachinnans; liver; Tennessee).--Engler, K., 1904a, 186.--Fuhrmann, O., 1928b, 75.--Ginetsinskaia, T. A., 1952b, 60 (Fulica atra; bile ducts; Astrakhan preserve).--Gohar, N., 1934a, 325.--Goldberger, J.; & Crane, C. H., 1911a, 49-50.--Hollack, J., 1902a, 867, 868.--Luehe, M. F. L., 1909b, 133.--McIntosh, A., 1937c, 23.--Myers, B. J.; Wolfgang, R. W.; & Kuntz, R. E., 1960a, 835 (Ptolostomus afer; Tonji District, Bahr El Ghazal Province, Sudan, East Africa).--Odhner, T., 1910d, 87, 89 (Himantopus candidus; gall ducts; Ghrab el Aish, Parra africana; gall ducts; North Africa).--Sprehn, C. E. W., 1932c, 225, 886.--Stunkard, H. W., 1923e, 72, 76, 77, 78.--Travassos, L. P., 1920d, 15; 1942b, 349; 1944a, vi, 16, 21, 232-233, 296, pl. 88, figs. 1-2.

jolliei Schell, S. C., 1957a, 185, 187, figs. 3, 6 (Falco sparverius; bile ducts; Idaho).

parkeri Pérez Vigueras, I., [1942c], 98-100, pl.; 1942a, 67-69, pl. 7 (Artibeus jamaicensis parvipes; intestine; Province Pinar del Rio); 1955a, 69-71, pl., fig. 20; 1944a, vi, 21, 246, 291, pl. 122, fig. 2.

pricei McIntosh, A., 1937c, 21-23, fig. 8B (Psophia viridis; liver; National Zoological Park, Washington, D.C.).--Travassos, L. P., 1944a, pl. 96, fig. 3.

reelfooti Denton in Petri, L. H., 1942a, 60 [nomen nudum].--Travassos, L., 1944a, vi, 246.

rudectum (Braun, 1901) Travassos, L., 1941g, 84-85, fig. 2 (Harpiprion caerulescens; gall bladder & ducts; Estado de Mato Grosso; 1942b, 349; 1944a, vi, 21, 234-244, 294, 295, 296, 297, 299, pl. 90, figs. 1-4, pl. 91, figs. 1-4, pl. 92, figs. 1-3, pl. 93, figs. 1-2, pl. 94, figs. 1-5 (Harpiprion caerulescens; Mato Grosso, Milvago c. chimachima, Mato Grosso, Psophia v. viridis; Amazonia, Eurypyga helias; Mato Grosso, Cariama cristata, Mato Grosso; Jacana spinosa jacana; Santa Cruz; Guira guira, Speotyto cunicularia grallaria; Mato Grosso, Attila rufus; Angra, Buteo galapagoensis; Galapagos; gall bladder & ducts).--Caballero y C. E.; & Diaz-Ungria, C., 1958a, 31 (Jacana jacana intermedia=Parra jacana, Nettion braziliense; intestine; Venezuela).

wehri McIntosh, A., 1937c, 21-22, 23, fig. 8A (Pedioecetes phasianellus campestris; liver; Montana).--Travassos, L. P., 1942b, 349; 1944a, vi, 21, 245, 295, pl. 96, fig. 4.

ATRACTOTREMA Goto, S.; & Ozaki, Y., 1929b, 370-371 (tod: A. fusum).--Yamaguti, S., 1939e, 212, 229 (Atractotrematidae).

fusum Goto, S.; & Ozaki, Y., 1929b, 369-371, fig. 1 (tod) (Siganus fuscescens; intestine; Takamatsu, Japan). --Yamaguti, S., 1939e, 211, 228-229.
ATRACTOTREMATIDAE Yamaguti, S., 1939e, 211, 228, 229.
ATRIOTREMA Belopol'skaia, M.M., [1959b], 63-64 (tod: A. lecitholaterale).
lecitholaterale Belopol'skaia, M. M., [1959b], 63, 64, fig. 1 (Squatarola squatarola; small intestine; eastern Murmansk).
ATROCHA Goldberg, O.F.P.F., [1855a], 19 (Includes: Nitzschia, Phylline, Udonella, Encotyllabe).
ATROPHECAECUM Bhalerao, G. E., 1940e, 94 (tod: A. burminis). --Baugh, S. E., [1957c], 304. --Yamaguti, S., 1958a, 235 (as syn. of Acanthostomum Looss).
burminis (Bhalerao, 1926) Bhalerao, G. D., 1940e, 95, 97, pl., figs. A-B (tod) (Natrix piscator; intestine; Burma; Lucknow, Nagpur). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 39; 1942a, 117.
diploporum (Stunkard, 1931) Morozov, F. N., 1955a, 279, 280, 285.
hindusthanensis Baugh, S. C., [1957c], 298-304, 313, fig. 2 (unidentifiable snake; intestine; dealer in snake skins, Banaras Cantt, U.P.).
indicum Simha, S. S., 1958a, 161, 184-187, 213 (Tropidonotus piscator; intestine; Hyderabad).
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AURIDISTOMIDAE Fuhrmann, O., 1928b, 96, 126.
AURIDISTOMINAE Stunkard, H. W., 1924b, 111-112. --Dollfus, R. P. F., 1925b, 288; 1929e, 117, 118. --Perkins, M. G. L., 1928a, 349, 354.
AURIDISTOMUM Stafford, J., 1905a, 690-691 (mt. A. chelydrae). --Bogitsh, B. J., [1960a], 631. --Dollfus, R. P. F., 1925b, 288; 1929e, 117. --Fuhrmann, O., 1928b, 126. --Perkins, M. G. L., 1928a, 354. --Poche, F., 1926b, 170. --Ward, H. B., 1918a, 397. --Wharton, G. W., 1940a, 497, 515-516 (syns.: Pterygotomaschalos Stunkard, 1924, Tetrapapillatrema Ralph, 1938). --Yamaguti, S., 1958a, 462.
chelydrae (Stafford, 1900) Stafford, J., 1905a, 690 (mt.) (Chelydra serpentina; intestine; Canada). --Britt, H. G., 1947a, 281, 288, 289, fig. 35. --Guilford, H. G., 1959a, 123 (Chelydra serpentina; Wisconsin). --Harwood, P. D., 1932b, 31, 66 (C. serpentina; intestine; Texas). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 40; 1942a, 125. --McMullen, D. B., 1937d, 11. --Perkins, M. G. L., 1928a, 354. --Rausch, R., 1947b, 437, 438 (C. serpentina; urinary bladder; Ohio). --Walton, A. C., 1947c, 26 (Rana catesbiana; North America). --Ward, H. B., 1918a, 397, fig. 687. --Wharton, G. W., 1940a, 516 (syn.: Distomum chelydrae, Pterygotomascholas attenuatus, Cercaria concavocorpa, Tetrapapillatrema concavocorpa). --Williams, R. W., 1953a, 175 (C. serpentina; Oklahoma).
georgiense Bogitsh, B. J., [1960a], 631-635, pl. I, figs. 1-5 (Chelydra s. serpentina; small intestine; Georgia).
pellucida Coil, W. H.; & Kuntz, R. E., 1958a, 64-65, fig. 3 (Clemmys caspica rivulata; small intestine; Istanbul, Turkey).
thomasi Dollfus, R. P. F., 1950a, 8, 45-47, fig. 26 (Pelusios nigricans; intestine; Gabon).
AUSTRALAPATEMON Sudarikov, V. E., 1959b, 530, 565 (tod: A. intermedius) (syn.: Apatemon Szidat, 1928 ex parte).
intermedius (Johnston, 1904) Sudarikov, V. E., 1959b, 565-571, figs. 172-174.
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angusticauda (Stafford) Manter, H. W., 1926c, 186-187, 188, 196, 197, 204, 242, pl. 2, fig. 27 (syn.: Mimodistomum augusticaudum; Azygia loossii).--Bangham, R. V., 1941c, 167, 168, 170 (Perca flavescens, Micropterus dolomieu, Lepomis gibbosus); 1944a, 293, 300, 303, 304, 305, 306, 308, 309, 311, 312, 313, 314, 315, 316, 318, 320, 322 (Ameiurus m. melas, Esox lucius, hybrid northern pike-muskellunge, Esox m. masquinongy, Perca flavescens, Stizostedion v. vitreum, Micropterus d. dolomieu, Huro salmoides, Lepomis gibbosus, L. m. macrochirus, Ambloplitis rupestris, Lota l. maculosa); 1955a, 189, 190, 191, 192 (Ictalurus l. lacustris, Ameiurus h. nebulosus, Poecilichthys exilis, Huro salmoides, Lepomis gibbosus, Ambloplites r. rupestris, Perca flavescens, Micropterus d. dolomieu).--Bangham, R. V.; & Hunter, G. W., 1939a, 401, 404, 406, 414, 417, 435, 439, 443 (Esox vermiculatus, Micropterus dolomieu, Stizostedion vitreum; Lake Erie).--Bangham, R. V., & Venard, C. E., 1946a, 41, 42, 44(Perca flavescens, Micropterus dolomieu, Lepomis gibbosus).--Bhalerao, G. D., 1942f, 191 (Mastacembelus pancalus); 1943e, 152 (Mastacembelus pancalus; liver, Fuleshwar, Bengal).--Choquette, L. P. E., 1951d, 290, 291, 292 (Esox m. masquinongy; St. Lawrence).--Cross, S. X., 1938a, 442, 443(Perca flavescens, Esox lucius, Amia calva; Wisconsin).--Dickerman, E. E., 1934a, 17.--Fantham, H. B.; & Porter, A., 1948a, 623, 626, 630, 632, pl. 3, fig. 9 (Perca flavescens, Micropterus dolomieu; Quebec).--Fischthal, J. H., 1947b, 277 (Boleosoma n. nigrum; Brule river; 1950d, 89, 94, 99, 100, 102, 103, 106, 107, 110, 111(Amia calva, Salvelinus f. fontinalis, Ameiurus n. natalis, Esox lucius, Perca flavescens, Huro salmoides, Lepomis gibbosus, Ambloplites r. rupestris; Wisconsin); 1952b, 28, 30, 34, 36, 40, 41, 42, 44, 45, 46(Amia calva, Ameiurus n. nebulosis, Stizostedion v. vitreum, Esox lucius, Poeci-

lichthys exilis, Micropterus salmoides, Poecilichthys flabellaris lineolatus; northwest Wisconsin).--Foote, L.E.; & Blake, B.P., 1945a, 96 (Esox niger).--Hunninen, A.V., 1936b, 238, 240(Perca flavescens, Eupomotis gibbosus, Micropterus dolomieu, Aplites salmoides, Ambloplitis rupestris; Delaware-Susquehanna watershed).--Hunter, G.W., 1942a, 281, 283, 285 (Esox niger, Perca flavescens).--Hunter, G.W.; & Rankin, J.S., 1940a, 269, 270 (Esox niger, E. americanus, E. lucius; Connecticut).--Lyster, L.L., 1939a, 165.--MacLulich, D.A., 1943b, 405, 407 (Cristivomer namaycush; intestine; Ontario).--Miller, M.J., 1940c, 430, 432(Stizostedion vitreum, Micropterus dolomieu; intestine; central St. Lawrence watershed); 1941a, 36, 46, fig. 13(Lota maculosa; intestine).--deRoth, G.C., 1953a, 50 (Morone americana; Maine).--Sen, S.K., 1949a, 44(Mastacembelus pancalus).--Szidat, L., 1932b, 503.--Van Cleave, H.J.; & Mueller, J.F., 1934a, 257-259, figs. 9(1-5)(Perca flavescens, Micropterus salmoides, M. dolomieu, Ambloplites rupestris, Esox niger, Eupomotis gibbosus, Stizostedion vitreum, Lota maculosa, Boleosoma nigrum olmstedi; Oneida Lake).--Wootton, D.M., 1957b, 497.

augusticauda (Stafford, 1904) Manter, H.W., 1926c, 186-187. See angusticauda.

bulbosa Goldberger, J. 1911c, 22-26, figs. 11-14(Amia calva; stomach; Lake Maxinkuckee, Indiana).--Manter, H.W., 1926c, 187, 190, 191, 194, 195, 196, 197, 199, 242 (syn. of A. longa).--Odhner, T., 1911h, 521.--Ozaki, Y., 1924a, 426, 431, 432, 434.--Pearse, A.S., 1924b, 171 (walleyed pike).--Van Cleave, H.J.; & Mueller, J.F., 1934a, 255.--Wootton, D.M., 1957b, 488-498, pl. I, figs. 1-3 (as syn. of A. acuminata).

hassalli (Goldberger, 1911) Tubangui, M.A., 1928b, 354.

hwangtsiyüsi Ch'in S.M., 1933a, 104-115, figs. 1-4, 5(5), 6-7 (Ophiocephalus argus; stomach; China).--Hsü, H.F.; & Li, S.Y., 1940a, 559, 563, 566.

longa (Leidy, 1851) Manter, H.W., 1926c, 189-198, 204, pl. 2, fig. 30 (Salmo sebago, Osmerus mordax, Esox reticulatus, Anguilla chrysypa, Perca flavescens, Esox lucius, Amiatus calvus, Esox masquinongy, Salvelinus namaycush, Lucioperca sp., Micropterus dolomieu).--Bangham, R.V., 1933a, 224; 1941c, 167 (Anguilla bostoniensis; Algonquin Park Lakes); 1955a, 190.--Bangham, R.V.; & Venard, C.E., 1946a, 36, 44(Anguilla rostrata; Algonquin Park Lakes.--Choquette, L.P.E., 1951d, 290, 291, 292(Esox m. masquinongy; St. Lawrence watershed.--Dickerman, E.E., 1934a, 18.--Fantham, H.B.; & Porter, A., 1948a, 627, 628, 629, 630, pl. 4, fig. 7(Ambloplites rupestris; Quebec).--Fujita, T., 1937c, 1627 (=A. lucii).--Hunninen, A.V., 1936b, 238(Esox niger; Delaware-Susquehanna watershed).--Linton, E., 1940a, 105-107, pl. 22, figs. 292-297 (Esox niger, Micropterus dolomieu, Trichiurus lepturus; intestine; Woods Hole, Massachusetts).--Lyster, L.L., 1939a, 162, 165-166, 167, fig. 15 (Esox lucius, Anguilla rostrata; Central St. Lawrence watershed).--Miller, M.J., 1941a, 46(syn.: Mimodistomum longum of Stafford, Azygia tereticolle of Stafford)(Esox masquinongy, Lota maculosa).--Nordlie, F., [1960a], 240(Osmerus mordax; Great Lakes Region).--de Roth, G.C., 1953a, 50(Esox niger, Perca flavescens, Micropterus dolomieu; Maine).--Sillman, E.I., 1953b, 15 (Amnicola limosa, Esox vermiculatus(exper.)); 1954a, 744; 1957a, 100 (Lepomis gibbosus, Ambloplites rupestris (exper.).--Skrjabin, K.I.; & Gushanskaia, L.K., [1959a], 701-712, figs. 192-194(Esox reticulatus, Ameiurus nigricans).--Szidat, L., 1932b, 503.--Van Cleave, H.J.; & Mueller, J.F., 1934a, 255-257, 258, fig. 9(syn.: Distomum tereticolle of Leidy, 1851; Azygia tereticolle of Stafford, 1904; A. sebago Ward, 1910; A. bulbosa Goldberger, 1911; A. acuminata Goldberger, 1911; Hassallius hassallius Goldberger, 1911; A. lucii of Cooper, 1915) (Anguilla rostrata, Amia calva, Salmo fario, Percina caprodes zebra, Lota maculosa, Boleosoma nigrum olmstedi; stomach; New York).--Wootton, D.M., 1957b, 497.

loossii Marshall, W.S.; & Gilbert, N.C., 1905a, 483-485, pl. 15, figs. 5-7 (Micropterus salmoides, Lucius lucius, Amia calva).--Bittner, H.; & Sprehn, C.E.W., 1928a, 5 (Esox lucius).--Goldberger, J., 1911c, 26-30, figs. 15-16 (Micropterus salmoides, Lucius lucius, Amia calva; mouth & stomach; Wisconsin).--Manter, H.W., 1926c, 186, 187, 200, 242.--Odhner, T., 1911h, 521.--Ozaki, Y., 1924a, 431, 432, 434.--Pearse, A.S., 1924b, 171.--Pratt, H.S., 1916a, 185.--Yamaguti, S., 1958a, 195(as syn. of A. angusticauda).

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trutta, S. fario, S. hucho, S. salvelinus, Thymallus thymallus, Lotta lota, Lucioperca lucioperca).--Agapova, A. I., 1956a, 14, 37, 52, 53(Esox lucius, Perca fluviatilis, Lucioperca lucioperca; reservoirs of western Kazakhstan); 1957a, 124, 128; 1960a, 196(Esox lucius; Kustanai oblast).--Akhmerov, A. K.; & Bogdanova, E. A., [1958a], 148, 155 (Esox lucius, Lucioperca lucioperca, Perca fluviatilis; zone of future Stalingrad reservoir).--André, E., 1917a, 171(Salmo lacustris).--Astakhova, T. V., 1959a, 100(sudak[Lucioperca]; intestine).--Barysheva, A. F.; & Bauer, O. N., [1958a], 181-182 (Esox lucius, Lucioperca lucioperca, Perca fluviatilis, Lota lota, Acerina cernua, Vimba vimba; Lake Ladoga).--Bauer, O. N., 1954b, 48, 52 (Limnaea palustris).--Baylis, H. A., 1928g, 330(Esox lucius).--Belozerova-Sypliakova, O. M., 1937a, 45-46, figs. 1-6.--Bittner, H.; & Sprehn, C. E. W., 1928a, 11, fig. 12h (Perca fluviatilis, Thymallus thymallus, Leuciscus cephalus).--Bogatova, Z. K., 1936a, 148 (shchuk [Esox sp.], okun [Perca fluviatilis], nalim [Lota lota]; Lake Turgoiak).--Bogdanova, E. A., [1959a], 74 (Esox lucius; intestine; Volga river).--Bresslau, E., 1932a, 1122, fig. 30B.--Bykhovskaia, I., 1936a, 128, 129, 130 (Acerina cernua, Esox lucius, Perca fluviatilis; intestine: Karelia); 1940a, 102, 103, 105, 106, 107, 109, 112, 114, 122, 123, 124, 127, 128 (Perca fluviatilis).--Bykhovskii, B. E., 1929a, 16, 19, 24, 27(Esox lucius).--Chernyshenko, A. S., 1955a, 215(Cyprinus carpio; intestine; Odessa; 1956a, 1261 (Umbra crameri; Dniester estuary); 1957a, 198.--Cooper, A. R., 1915d, 191 (Lucius lucius, L. masquinongy, Salvelinus namaycush, Lucioperca sp., Micropterus dolomieu; stomach.--Dickerman, E. E., 1934a, 17.--Dobrokhotova, O. V., 1960a, 113(Esox lucius; intestine; Lake Zaisan).--Dyk, V., 1954b, 281; 1955a, 42; 1955b, 167.--Engelbrecht, H., 1958a, 483, 484, 487, 499, 504, 507.--Fuhrmann, O., 1928b, 108, fig. 130.--Fujita, T., 1918a, 264, 270; 1937a, 1627.--Galli-Valerio, B., 1940b, 281 (Trutta fario, Switzerland).--Gauthier, M., 1926a, 444.--Goldberger, J., 1911c, 16-17, fig. 7 (Lucius lucius, L. reticulatus, Lucioperca sandra, Salmo fario, S. hucho, S. trutta, Salvelinus alpinus, Lota vulgaris, L. maculosa, Ameiurus lacustria, Perca flavescens, Thymallus vulgaris).--Golikova, M. N., 1960a, 114(Esox lucius, Galba palustris; Kaliningrad region).--Gorbunova, M., 1936a, 7, 11, 14, 15(Esox lucius; Lake Konchezero).--Gvozdev, E. V.; Agapova, A. N.; & Martekhov, P. F., 1953a, 107(Perca schrenki; Ili Basin).--Horsfall, M. W., 1934a, 332, 334.--Isaichikov, I. M., 1927a, 164; 1928d, 19, 20; 1933a, 4(syn.: A. tereticollis).--Jäskeläinen, V., 1921a, 19, 22, 36, 37, 54(Esox lucius; Finnland).--Järnefelt, H., 1921a, 114, 143.--Kahls, O., 1930a, 55.--Kaštak, V., 1955d, 179-182, fig. 1 (Lota lota; Slovakia); 1956d, 628.--Kogteva, E. P., [1958a], 247 (Esox lucius, Lucioperca lucioperca; Pskov-Chud reservoir).--Kosheva, A. F., 1959a, 120(Volga river).--Kotova, E. I., 1935a, 121 (Esox lucii, intestinal wall, stomach; Bezhetsk reservoir).--Kozicka, J., 1959a, 49-52, fig. 18b, 19(Esox lucius, Perca fluviatilis; Druzno Lake).--Krotas, R., [1959a], 94(Esox lucius, Perca fluviatilis; Lake Trakai).--Krotov, A. I., 1960c, 484 (Sakhalin).--Kudriavtseva, E. S., 1957a, 1294 (nel'ma [Stenodus leucichthys nelma], ersh [Acerina cernua], northern Dvina basin); 1960a, 1741(zander; Kubensk Lake).--Kurashvili, B. E.; & Tabidze, N. A., 1947a, 74(Lucioperca lucioperca, Salmo trutta labrax, Silurus glanis; intestine; Black Sea).--Lavrov, G. D., 1957a, 127, 130, fig. 2(Lucioperca volgensis, Perca fluviatilis; Volga).--Manter, H. W., 1926c, 172, 173, 174, 175, 176, 177, 183, 189, 190, 191, 194, 195, 196, 197, 199, 200, 201, 202, 203, 204, 242, tables 12-13.--Markevich, A. P., 1934b, 36-37, fig. 22(Lucioperca lucioperca, Perca fluviatilis, Lota lota, Esox reicherti; Province de Leningrad); [1952a], 141-142, fig. 62(syn.: Fasciola lucii, Distomum tereticolle, Azygia volgensis).--Markov, G. S., 1943b, 9.--Markova, T. G., 1958a, 1802-1804 (pike; Oka river).--Matevosian, E. M.; Petrochenko, V. I.; & Garizhskaia, N. N., 1959a, 150 (shchuka [Esox lucius]; intestine, okun [Perca fluviatilis], sudak [Lucioperca lucioperca]; stomach; all from Volga).--Milicer, W., 1938a, 107, 117, table 2, pl. 2, fig. 2(Esox lucius; alimentary canal; Wigry-Sees).--Nagibina, L. F., [1958a], 134-135(Esox lucius, Perca fluviatilis; stomach; New Vygozera).--Novikova, A. G., 1938a, 253, 255 (Esox lucius; Black Irtysh river).--Ozaki, Y., 1924a, 428, 429, 430, 434, fig. 1.--Palii, M. O., 1957a, 118 (Esox lucius; Western Bug).--Petrushevskii, G. K.; & Bykhovskaia, I., 1935a, 27, 30, 55, 58, 60, 68, 69, 70(Esox lucius, Perca fluviatilis, Lota lota;

Karelia).--Petrushevskii, G. K.; Pozdniakova, M. N.; & Shul'man, S. S., [1959a], 338 (Esox lucius, Lucioperca lucioperca; Braslav Lake, Belorussia). --Pigulevskii, S. V., 1932a, 425, 426, 427, 429, 430 (Esox lucius; mouth, intestine). --Plehn, M., 1924a, 88. --Polianskii, I. I.; & Shul'man, S. S., 1956a, 19. --Prost, M., 1951a, 453, 455 (Esox lucius; Lublin). --Romanova, G. P., 1957a, 157 (Lucioperca sandra; Rybinsk reservoir). --Rukavina, J.; & Delić, S., 1957a, 410-413, figs. 1-2 (Hucho hucho, Thymallus thymallus; Vrbas river). --Ruszkowski, J. S., 1925b, 389, fig. 1; 1925c, 175; 1926b, 175 (Esox lucius; intestine; Warsaw).--Sewell, R. B. S., 1922a, 313. --Shevchenko, N. N., 1954b, 76 (Esox lucius, Lucioperca lucioperca, Perca fluviatilis; northern Donets); 1956b, 274, 290, 291, 292, 293 (Lota lota; northern Donets). --Shmidt, G. A., 1923a, 31. --Shliapnikova, R. L., [1958a], 275 (Lucioperca lucioperca, Esox lucius; Lake Vyrts'iary). --Shul'man, S. S., [1958c], 337 (sudak [Lucioperca lucioperca]; Lake Zhizhitsa, Velikie Lukie Oblast). --Shul'man, S. S.; Berenius, I. N.; & Zakharova, E. A.; 1959a, 52, 56, 62, 63, 69 (Acerina cernua; Esox lucius, Perca fluviatilus, Lota lota; Lake Siam). --Sidorov, E. G., 1956a, 238 (Shchuka [Esox lucius], okun [Perca fluviatilis]; Irgiz-Turgay Basin); 1959a, 136 (central Kazakhstan).--Sinžar, D. S., 1955a, 336, 337, fig. 1 (Salmo trutta; Montenegro).--Skrjabin, K. I.; & Gushanskaia, L. K., [1959a], 679-686, fig. 186 (Esox reticulatua, Salmo alpinus, S. trutta m. lacustris, S. salar m. relictus, S. umbla, Lota maculosa, Acerina cernua, Perca flavescens, Ameiurus nigricans, A. lacustris, Nemachilus barbatulus, Salvelinus lepechini, Squalus cephalus, Rutilus r. lacustris, Pygosteus pungitius, Acipenser sp., Trutta variabilis). --Susarski, W., 1958a, 412-416, 489, figs. 120-124 (Salmo trutta; Vistula & Dunajec, Salmo sp.; upper course of Wda). --Stoliarov, V. P., 1952a, 267-268 (Rybinsk reservoir); 1954b, 162, 168 (Lota lota, Esox lucius, Perca fluviatilis; Rybinsk reservoir); 1955a, 187 (sudak [Lucioperca lucioperca], ersh [Acerina cernua], nalim [Lota lota shchuka [Esox lucius], okun [Perca fluviatilis]; Upper Volga). --Szidat, L., 1926a, 19 (Esox lucius; stomach; Kurisches Haffs); 1932b, 487, 496, 499, 500, 502, 504, figs. 17, 18, 19, 20. --Titova, S. D., 1939a, 47, 48, 49 (Esox reicherti; Tomsk market); 1954a, 83 (shchuka [Esox lucius], nalim [Lota lota]; Lake Teletskoe). --Van Cleave, H. J.; & Mueller, J. F., 1934a, 1255 (as syn. of A. longa).--Ward, H. B., 1917c, 4; 1918a, 392. --Wegener, G., 1910a, 61; 1910b, 251. --Wikgren, B. J., 1956a, 68-69, 80, 103, pl. III, fig. 8 (cercaria in Lymnaea palustris; Finland); 1956a, 84, 85, 88 (Esox lucius, Perca fluviatilis; stomach, intestine; Finland). --Wootton, D. M., 1957b, 497.--Wunder, W., 1927a, 762.--Zakhvatkin, V. A., 1938a, 194, 197, 209, 220-221, 241 (Stenodus leucichthys, Esox lucius, Stenodus leucichthys nelma; Zaissan See); 1955a, 16 (Shchuka [Esox lucius]; intestine; Tur Lake, Zabolot'ev region, Zolyn Oblast, Polesiia). --Zandt, F., 1924a, 267 (Esox lucius; Bodensee).--Zmeev, G. I., 1936d, 411, 417, 418, 419, 420, 434, 436 (Esox reicherti; Amur).

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robusta Odhner, L., 1911h, 520-522, fig. 2 (Salmo hucho, S. fario). --Akhmerov, A. K., 1954d, 90-91 (Oncorhynchus tschawitscha; Kamchatka). --Bauer, O. N., [1958b], 338 (Hucho taimen; mouth cavity & gills; Vitim river). --Dickerman, E. E., 1934a, 17. --Dobrokhotova, O. V., 1960a, 111, 112 (Hucho taimen, Stenodus leucichthys nelma; stomach; Lake Zaisan). --Heitz, F. A., 1917a, 37, 38; 1918a, 347, 348. --Layman, E. M., 1933b, 52, 70, 78 (Lota lota; stomach, intestine; Lake Baikal, USSR). --Layman, E. M.; & Borovkova, A. M., 1926a, 11. --Manter, H. W., 1926c, 190, 199-200, 204. --Ozaki, Y., 1924a, 429, 431, 432, 434, fig. 3. --Szidat, L., 1932b, 502. --Titova, S. D., 1954a, 83 (taimen [Hucho taimen]; Lake Teletskoe).

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tereticollis (Rudolphi, 1802) Looss, A., 1899b, 570; 1901a, 119; 1902m, 456, 457.--Baumann, F., 1921a, 98-102 (Salmo lacustris).--Cohn, L., 1902k, 47.--Darr, A., 1902a, 688.--Dubois, G., 1929a, 139.--Gohar, N., 1934a, 330.--Heitz, F. A., 1917a, 20, 37-38, 79, 87, 88, 89, 90, 91, 95, 96, 97, 99, 109, 122, 128, 129, 130 (Salmo salar; Rhein, ? Tay; Anguilla vulgaris; Swedish Sea); 1918a, 347-348; 1919a, 502.--Heymann, G., 1905a, 85.--Kowalewski, M., 1902d, 26 (Perca fluviatilis; Lvov); 1904f, 24 (Esox lucius; Galicia); 1905c, 24.--Layman, E. M.; & Borovkova, A. M., 1926a, 11.--Luehe, M. F. L., 1900u, 491.--Manter, H. W., 1926c, 184, 189, 242.--Marshall, W. S.; & Gilbert, N. C., 1905a, 484, 485.--Mathias, P., 1925a, 112, 113, 114.--Miller, M. J., 1941a, 46 (as syn. of A. longa).--Odhner, T., 1905a, 363; 1911h, 519-520, 521, 529 (Esox lucius, Lucioperca sandra).--Pigulevskii, S. V., 1932a, 430 (as syn. of A. lucii).--Sewell, R. B. S., 1922a, 322.--Stafford, J., 1904b, 488.--Steche, O., 1927a, 653, fig. 88.--Szidat, L., 1932b, 502.--Ward, H. B., 1903m, 861; 1917c, 4.--Wilson, C. B., 1920a, 293, 295 (Amia calva, Esox vermiculatus; Lake Maxinkuckee).--Yamaguti, S., 1958a, 195 (as syn. of A. lucii).

volgensis (Linstow, 1907) Odhner, L., 1911h, 519 (Lucioperca sandra).--Dickerman, E. E., 1934a, 17, 18.--Layman, E. M.; & Borovkova, A. M., 1926a, 11.--Manter, H. W., 1926c, 203, 204.--Markevich, A. P., [1952a], 141-142 (as syn. of A. lucii).--Ozaki, Y., 1924a, 431, 435.--Szidat, L., 1932b, 502.--Zmeev, G. I., 1932b, 257 (Parasilurus asotus; Amur river); 1936d, 412, 417, 420, 421, fig. 1 (Liocassis brazhnikovi; Amur river).

AZYGIIDAE Odhner, L., 1911h, 513, 523; 1928c, 1.--Bittner, H.; & Sprehn, C. E. W., 1928a, 2.--Bresslau, E., 1932a, 1133.--Chen, H. -T., 1956b, 104.--Dickerman, E. E., 1934a, 17; 1945a, 138-144.--Dollfus, R. P. F., 1929e, 116, 117; [1937c], 397, 422.--Faust, E. C., 1929c, 93, 162.--Fuhrmann, O., 1928b, 41, 49, 51, 52, 69, 80, 96, 98, 107-108, 111.--Guiart, J., 1938b, 4.--Isaichikov, I. M., 1928d, 19; 1933a, 3.--Layman, E. M.; & Borovkova, A. M., 1926a, 10-11.--Lyster, L. L., 1939a, 165.--Manter, H. W., 1926c, 180-186.--Mueller, J. F.; & Van Cleave, H. J., 1932a, 115.--Poche, F., 1926b, 193.--Skrjabin, K. I.; & Gushanskaia, L. K., 1956a, 146 (includes: Azygia, Otodistomum, Proterometra, Eurostomum, Leuceruthrus); [1959a], 671-788.--Travassos, L. P., 1920o, 183, 184.--Ward, H. B., 1917c, 4, 1918a, 392.--Wesenberg-Lund, C., 1934b, 113.--Witenberg, G. G., 1929b, 135.--Zmeev, G. I., 1936d, 417.

AZYGIINAE Luehe, M. F. L., 1909b, 49.--Bittner, H.; & Sprehn, C. E. W., 1928a, 44, 70, 83.--Dollfus, R. P. F., 1929e, 116, 118.--Guiart, J., 1938b, 20-21.--Skrjabin, K. I.; & Gushanskaia, L. K., [1959a], 678-788.--Travassos, L. P., 1920o, 184.

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BACCIGER Nicoll, W., 1914g, 481 (type: B. bacciger(Rudolphi)).--Dollfus, R. P. F., 1925c, 60.--Fuhrmann, O., 1928b, 103.--Manter, H. W., 1934c, 271, 283, 284; 1947a, 319.--Skrjabin, K. I.; & Koval, V. P., 1957a, 191-192(syn.:Ovotrema Pigulevsky, 1938).

bacciger (Rudolphi, 1819) Nicoll, W., 1914g, 481-482, fig. 3 (Atherina presbyter; stomach; Plymouth).--Carrêre, P., 1937a, 160 (Atherina mochon, A. hepsetus; intestine).--Palombi, A., 1933a, 217-219(Atherina presbyter, A. hepsetus; intestine, Atherina boyeri; intestine; Gulf of Napoli); 1933b, 1-11; 1934a, 438-478 (syn.: Cercaria lata, Cercaria sp. ?Leuckart, 1878, C. pectinata, C. lutea, Distoma baccigerum); 1934a, 471, 474, 476(B. bacciger of Nicoll, 1914, p. 481, fig. 3 renamed B. nicolli); 1934a, 469 (B. bacciger of Palombi, 1928 as syn. of Helicometra fasciata); 1934b, 53, 55, 68-72, figs. 13-16 (Tapes decussatus, T. aureus, Erichthonius difformis; Gulf of Napoli, Tapes pullaster, T. philippinarum, Donax vittatus (=D. trunculus=D. anatinum), Pholas candida, Atherinae presbiter, A. hepsetus, A. boyeri); 1938a, 372; 1940a, 7, 21-23, 25, 29, figs. 9-10(Tellina exigua; visceral mass; Italy); 1955a, 723, 724, 728, 730, figs. 3-4, 6, 10.--Petrushevskii, G. K., [1958d], 306 (Alosa kessleri pontica; Black Sea).--Rebecq, J. M., 1960c, 258 (Atherina mochon, Camargue, France).--Skrjabin, K.I.; & Koval, V. P., 1957a, 192, 193-194, figs. 58-58a(Atherina pontica, Engraulis encrasicholus).--Yamaguti, S., 1938c, 72.

harengulae Yamaguti, S., 1938c, 2, 70-73, fig. 40 (syn.: Cercaria pectinata Huet, 1891, trichocercous cercaria A of Kobayashi, 1922)(Harengula zunasi; small intestine; Lake Hamana & Sea of Ariake, Kyûsyû), Paphia(Amygdala) philippinarum; branchial laminae).--Manter, H. W., 1947a, 319, 372, 378 (Harengula macrophthalma; intestine; Tortugas, Florida).--Sogandares-Bernal, F., 1959b, 101(Harengula clupeola; pyloric ceca; N. Bimini, British West Indies).

nicolli Palombi, A., 1934a, 471, 474, 476 (n.n. for B. bacciger of Nicoll, 1914, p. 481, fig. 3).--Skrjabin, K.I.; & Koval, V.P., 1957a, 194-201, fig. 59.

petrowi (Layman, 1930) Zhukov, E. V., 1959a, 199.

BACCIGERINAE Yamaguti, S., 1958a, 221.

BAGARITREMA Tripathi, Y.R., [1959a], 23, 26, 61(tod: B. son).

son Tripathi, Y.R., [1959a], 26-27, fig. 12 (Bagarius bagarius; Son river at Dehri-on-Son).

BALANORCHIDAE Ozaki, Y., 1937b, 206, 207, 208, 212-213, 238 (type: Balanorchis Fischoeder, 1901).

BALANORCHIINAE (Stunkard, 1925) Yamaguti, S., 1958a, 963-964.

BALANORCHINAE (Stunkard, 1917) Stunkard, H. W., 1925c, 141, 147.--Fuhrmann, O., 1928b, 102.--Fukui, T., 1929b, 309, 314, 315.--Lopez-Neyra, C. R., 1931a, 329 (key).--Näsmark, K. E., [1937a], 313, 322, 344, 393, 437.--Southwell, T.; & Kirshner, A., 1937a, 233, 236, 238, 240 (Cladorchidae).--Sprehn, C.E.W., 1932c, 182, 200.--Travassos, L.P., 1934c, 91.

BALANORCHIS Fischoeder, F., 1901a, 374-375(mt.: B. anastrophus); 1902a, 49-50; 1903h, 490.--Artigas de Toledo; & Pacheco, G., [1933a], 106, 107, 108 (key).--Baylis, H.A., 1929c, 58.--Bittner, H.; & Sprehn, C.E.W., 1928a, 3.--Fuhrmann, O., 1928b, 102.--Fukui, T., 1929b, 264, 269, 303, 305, 306, 308, 315.--Maplestone, P.A., 1923b, 158, 165.--Ozaki, Y., 1937b, 208, 209, 213.--Pratt, H. S., 1902a, 887, 893(key).--Sprehn, C.E.W., 1932c, 200.--Stiles, C.W.; & Goldberger, J., 1910a, 60, 61, 62, 218, 247.--Travassos, L.P., 1921d, 358; [1922a], 153; 1934c, 91-92.

anastrophus Fischoeder, F., 1901a, 375 (Cervus dichotomus); 1902a, 50-52, fig. 4(syn.:Amphistomum conicum Diesing, 1835 e. p.) (Cervus dichotomus; Brazil).--Baylis, H.A., 1929c, 58-59.--Caballero y C., E.; & Diaz-Ungria, C., 1958a, 29(Odocoileus g. gymnotis; stomach; Venezuela).--Calzada, V., 1940a, 287-288, figs. 1-2 (syn.:Verodunia [sic] tricoronata)(bovinos; stomach; Uruguay).--Fukui, T., 1923b, 444.--Fukui, T., 1929b, 267, 269, 303, 315, 340.--Maplestone, P.A., 1923b, 165.--Pinto, C.F.; & Lins de Almeida, J., 1937b, 476 (Bos taurus; Brazil).--Roveda, R. J.; & Ringuelet, R., 1947a, 67(Bos taurus; Argentina).--Sprehn, C.E.W., 1932c, 201, 810, fig. 131.--Stiles, C. W.; & Goldberger, J., 1910a, 62, 247.--Travassos, L. P., 1922f, 190 (Bos taurus, Dorcephalus dichotomus; rumen); 1924i, 56; 1934c, 92-93, figs. 54-55.--Travassos, L.P.; Pinto, C.F.; & Muniz, J., 1927a, 255.--Vogelsang, E.G.; & Rodriguez C., C., 1952a, 312, 315, pl., fig. (Odocoileus gymnotis; stomach; zoological garden of Maracay).

BALFOURIA Leiper, R. T., [1909i], 197 (tod:B. monogama).--Dietz, E., 1909b, 33-34.--Faust, E. C., 1929c, 69.--Fuhrmann, O., 1915a, 214; 1928b, 93, 126.--Lutz, A., 1924a, 56, 76.--Odhner, T., 1910d, 98, 106, 151, 163.--Yamashita,

J., 1937b, 91; 1938f, 875, 879, 883.

species Yamashita, J., 1938f, 878, fig. 4A.

monogama Leiper, R. T., [1909i], 197-199, pl. 21-22 (Leptoptilus crumeniferus; encysted in intestinal mucosa; Taufikia, Sudan). --Baer, J. G., 1923c, 338, 344; 1932d, 254.--Dietz, E., 1909b, 34. --Faust, E. C., 1929c, 19. --Fuhrmann, O., 1928b, 48, fig. 60. --Gohar, N., 1934a, 327. --Jegen, G., 1917a, 506. --Joyeux, C. E.; & Baer, J. G., 1928g, 12. --Looss, A., 1912c, 326. --Mendheim, H., 1940a, 489, 540-542, fig. 36. --Odhner, T., 1910d, 151-155, fig. 14, pl. 5, figs. 9-11, 1910f, 432-433; 1928a, 1. --Ozaki, Y., 1925b, 51; 1928a, 5. --Sinitsin, D. F., 1911a, 56. --Sprehn, C. E. W., 1932c, 23. --Yamashita, J., 1938f, 883.

BALFOURIIDAE Travassos, L. P., 1951a, 466.

BALFOURIINAE Yamaguti, S., 1958a, 641.

Bane [British term for Fasciola hepatica in sheep].

BARANORCHIDAE Ozaki, Y., 1937a, 212 [for Balanorchidae].

BARIS Looss, A., 1899b, 669-670 (mt. B. proteus) [not Baris Germar, 1817, coleopteron]; 1900d, 602 (renamed Deuterobaris). --Fuhrmann, O., 1928b, 102. --Stiles, C. W., 1901r, 189; 1912m, 507.

proteus (Brandes, 1891) Looss, A., 1899b, 669, 770-772, fig. 82.--Braun, M. G. C. C., 1901b, 38, 54.

BARISOMUM Linton, E., 1910b, 18 (tod: B. erubescens). --Barker, F. D., 1916b, 181 (Notocotylidae, Nudacotylinae). --Harrah, E. C., 1922a, 56. --Manter, H. W., 1947a, 262, 263. --Mehra, H. R., 1932a, 327; 1939a, 99, 109, 122-125 (as syn. of Pleurogonius). --Price, E. W., 1931h, 7, 9 (syn.: Himasomum).

candidulum (Linton, 1910) Price, E. W., 1931h, 7. --Manter, H. W., 1947a, 262 (as syn. of Pleurogonius candibulus). --Siddiqui, A. H.; & Cable, R. M., 1960a, 270 (as syn. of Glyphicephalus candidulus).

erubescens Linton, E., 1910b, 17, 22, 69, 95, pls. 21-22, figs. 173-183 (tod) (Angelichthys isabelita, Pomacanthus arcuatus, Scarus croicensis; Dry Tortugas). --Hanson, M. L., 1950a, 78, 87 (Holacanthus sp. or Pomacanthus sp.; Bermuda). --Harrah, E. C., 1922a, 79. --Manter, H. W., 1947a, 262, 263, 372, 374 (Holacanthus ciliaris=Angelichthys ciliaris, Holacanthus isabelita, Pomacanthus arcuatus, P. aureus, Scarus croicensis; Tortugas, Florida). --Pérez Vigueras, I., 1955a, 53, 54, pl., fig. 13. --Price, E. W., 1931h, 7. --Siddiqui, A. H.; & Cable, R. M., 1960a, 271, 330, fig. 10 (syn.: Pleurogonius erubescens, Monostomum pomacanthi Pleurogonius pomacanthis) (Pomacanthus arcuatus; intestine; Parguera, Puerto Rico). --Sogandares-Bernal, F., 1959b, 74 (Pomacanthus aureus; rectum; N. Bimini, British West Indies).

BARKERIA Szidat, U., 1936a, 234. --Harwood, P. D., 1939a, 430, 432 (as syn. of Quinqueserialis Skvortsov, 1935).

hassalli (McIntosh; & McIntosh, 1934) Szidat, U., 1936a, 234.

quinqueserialis (Barker & Laughlin, 1911) Szidat, U., 1936a, 234.

BASANTISIA Pander, B. P., 1938c, 199-203 (Lecithodendriidae, Pleurogeninae) (tod: B. ramai). --Kaw, B. L., 1950a, 82, 89.

ramai Pande, B. P., 1938c, 199-203, figs. 1-2 (tod) (Ceryle raddis leucomanara; small intestine; Allahabad).

BASANTISIINAE Yamaguti, S., 1958a, 744.

BASHKIROVITREMA Skrjabin, K. I., 1944c, 300; 1944d, 329 (Echinostomatidae).

incrassatum Skrjabin, K. I., 1944c, 300 [combination not made]; 1944d, 329 [combination not made] 1947a, 493, fig. 213. --Beverley-Burton, M., 1960c, 132, 133 (Aonyx c. capensis, Lutra (Hydrictis) m. maculicollis; small intestine; Southern Rhodesia). --Myers, B. J.; Wolfgang, R. W.; & Kuntz, R. E., 1960a, 834 (Lutra maculicollis nilotica; Tonji District Bahr El Chazal Province, Sudan).

BASIDIODISCUS Fischthal, J. H.; & Kuntz, R. E., 1959a, 32 (tod: B. ectorchis).

ectorchis Fischthal, J. H.; & Kuntz, R. E., 1959a, 32-34, 35, figs. 1-5 (tod) (Synodontis schall, Mormyrus kannume; small intestine; Egypt).

Bather's itch. See Trematoda. Dermatitis.

BATHYCOLA Fuhrmann, O., 1928b, 41 [? for Bathycotyle].

BATHYCOTYLE Darr, A., 1902a, 644-662, 678, 687, 691, 696 (mt. B. branchialis). --Fuhrmann, O., 1928b, 110. --Poche, F., 1929b, 202 (Hemiuridae).

branchialis Darr, A., 1902a, 644-662, pl. 23, figs. 1-15 (mackerel; Pemba, German East Africa). --Bovien, P., 1927a, 284. --Dollfus, R. P. F., 1932h, 13 pp.

coryphaenae Yamaguti, S., 1938f, 15, 43-44, 72, pl. 6, fig. 40 (Coryphaena hippurus; gills; Japan). --Sparks, A. K., 1957a, 75 (C. hippurus; gills; Grand Isle, Louisiana).

BATHYCOTYLIDAE Dollfus, R. P. F., 1932h, 12-13.--Skrjabin, K.I.; & Gushanskaia, L.K., 1955a, 557-571; 1956a, 146.

BATHYTREMA Manter, H. W., 1934c, 284[? for Benthotrema Manter, 1934].

(BENEDENIA) Monticelli, F. S., 1902b, 143.--Johnston, T.H., 1929a, 75(type: Benedenia(B.)sciaenae); 1931b, 96.--von Linstow, O. F. B., 1903t, 355.--Price, E. W., 1939c, 65.

BENEDENIA Diesing, K.M., 1858e, 313, 363-364 (mt: B. elegans=sciaenae; in Sciaena aquila; Ostend) [not of Gray, 1864, mammal; not of Schneider, 1875, protozoon]; 1859c, 437.—Bhatia, B.L., 1938a, 200(as syn. of Aggregata Frenzel, 1885).--Braun, M.G.C.C., 1890a, 518.--Diesing, K. M., 1859c, 437.--Froissant, A., 1930a, 35.--Fuhrmann, O., 1928b, 28.--Hargis, W.J., 1955e, 220.--Johnston, T. H., 1929a, 71, 72, 73, 74, 75(subg.:Benedenia, Benedeniella, Parabenedenia); 1931b, 95, 96.--Meserve, F. G., 1938a, 34.--Monticelli, F. S., 1888, 87.--Odhner, T., 1905a, 371.--Poche, F., 1926b, 108 (Tristomatidae).—Price, E.W., 1939c, 65 (syn.: Epibdella Beneden, 1856 in part; Phylline Oken, 1815 not Abildgaard, 1790 in part; Tristoma Cuvier, 1817 in part) (Benedeniinae, Capsalidae).--Sproston, N. G., 1946a, 189, 316-317.--Taschenberg, O., 1878b, 556 (syn. of Tristoma Cuv.).

species Porter, A., 1954a, 315(Dasybatis pastinacea; Zoological Society of London Gardens).

adenea Meserve, F. G., 1938a, 29, 36-38, 76, 77, pl. 4, figs. 3-4(Mycteroperca sp.; gills; Socorro Island, Mexico).--Bravo Hollis, M., [1958a], 196-201, fig. 5, pl., figs. 1-4 (Mycteroperca pardalis; Scarus perrico; branquias; La Paz, Baja California, Mexico).--Manter, H.W., 1940a, 448.--Price, E. W., 1939c, 65-66, 67, 70, fig. 10(syn.: B. anadenea).--Sproston, N.G., 1946a, 318, 531.

anadenea Meserve, F.G., 1938a, 29, 38-39, 76, 77, pl. 4, figs. 5-8(Mycteroperca sp.; gills; Socorro Island, Mexico).--Manter, H.W., 1940a, 448.--Price, E. W., 1939c, 65, 66 (as syn. of B. adenea).

convoluta(Yamaguti, 1937) Price, E.W., 1939c, 65.--Bravo Hollis, M., 1953a, 142-143, pl. 2, figs. 1-2(Epinephellus labriformis; branquias; Puerto Vallarta, Jalisco, Mexico); [1958a], 205 (B. convulta of Bravo, 1953 nec Yamaguti, 1937 as syn. of Trochopus pseudomarginatus).—Sproston, N.G., 1946a, 318, 319, 523.--Yamaguti, S., 1943h, [p. 2].

derzhavini (Layman, 1930) Meserve, F. G., 1938a, 34.--Bykhovskii, B. E., 1949a, 197(South Sakhalin, South Kuril).--Sproston, N. G., 1946a, 318, 539 (Sebastodes schlegelii; Peter the Great Bay, Sea of Japan).--Yamaguti, S., 1943h, [p. 2] (Sebastodes schlegeli; Japan).

elegans Diesing, K.M., 1858e, 364 (new name for Epibdella sciaenae in Sciaena aquila; prope Ostendam); 1859c, 437.—Johnston, T.H., 1929a, 72.--Price, E. W., 1939c, 65 (type).--Sonsino, P., [1891h], 263.--Taschenberg, O., 1878b, 565.

epinepheli (Yamaguti, 1937) Meserve, F. G., 1938a, 35.--Sproston, N.G., 1946a, 318, 523.--Yamaguti, S., 1943h, [p. 2].

girellae Hargis, W.J., 1955e, 48-50, pl. I, figs. A-J(Girella nigricans; skin; La Jolla, California).--Bravo Hollis, M., [1958a], 201-205, figs. 11-13, pl., figs. 6-10(Mycteroperca pardalis; branquias; La Paz, Baja California, Mexico).

hendorffi (Linstow, 1889) Luehe, M. F. L., 1906b, 98.--Johnston, T.H., 1929a, 75.--MacCallum, G. A., 1927a, 298.--Meserve, F.G., 1938a, 35.--Price, E. W., 1938a, 409-410, pl. 2, figs. 1-2; 1939c, 65, 67, 70, fig. 15 (Coryphaena hippurus; Caleta Buena, Chile, undetermined fish; Spokane, Washington).--Sproston, N. G., 1946a, 320, 521.--Stiles, C. W.; & Hassall, A., 1908b, 106.

hoplognathi (Yamaguti, 1942) Yamaguti, S., 1943h, [p. 2].

isabellae Meserve, F.G., 1938a, 29, 35-36, 76, 77, pl. 4, figs. 1-2(unidentified, spotted, grouper-like fish; Isabel Island, Mexico).--Manter, H.W., 1940a, 448.--Price, E. W., 1939c, 65, 66, 67, 70, fig. 11.--Sproston, N. G., 1946a, 320.

ishikawae (Goto, 1894) Johnston, T.H., 1929a, 75.--MacCallum, G.A., 1927a, 298.--Meserve, F. G., 1938a, 35.--Sproston, N. G., 1946a, 320, 528.--Yamaguti, S., 1943h, [p. 2].

jaliscana Bravo Hollis, M., 1951a, 497-502, pls., figs. 1-2(Epinephellus labriformis; branquias, Puerto Vallarta, Jalisco).

macrocolpa (Lühe, 1906) Johnston, T.H., 1929a, 75(type of Benedenia(Benedeniella)).--Chauhan, B.S., 1951a, 53-54, fig. 6; 1953a, 35 (Rhinoptera javanica; skin; Kalpitiya & Dutch Bay, Ceylon); 1954a, 146-147, fig. 11.--Meserve, F. G., 1938a, 35.--Sproston, N.G., 1946a, 320, 536.

madai (Ishii & Sawada, 1938) Price, E. W., 1939c, 65.--Sproston, N.G., 1946a, 320, 532.--Yamaguti, S., 1943h, [p. 2].
melleni (MacCallum, G.A., 1927) Johnston, T.H., 1929a, 75(subg. Parabenedenia).--Bauer, O. N., 1956a, 275.--Meserve, F. G., 1938a, 35, 39.--Nigrelli, R. F., 1947a, 25 (Epinephelus striatus, Lutianus apodus, Chaetodon ocellatus, C. striatus, C. capistratus, Pomacanthus arcuatus, P. paru, Holacanthus tricolor, H. ciliaris, Trachinotus goodei, Melichthys piceus, Alutera scripta; British West Indies, Holocentrus ascensionis, Caranx spp., Acanthurus caeruleus, A. hepatus, Balistes vetula, Lactophrys bicaudalis, Diodon hystrix).--Price, E. W., 1939c, 65, 66-67, 70 (Spheroides annulatus).--Sproston, N. G., 1946a, 319, 321, 515, 516, 517, 520, 522, 523, 525, 528, 529, 531, 532, 534, 535, 536, 540, 541, 543, 544, figs. 63 a-g.
monticellii (Parona & Perugia, 1895).--Johnston, T. H., 1929a, 75.--MacCallum, G.A., 1927a, 298.--Meserve, F.G., 1938a, 35.--Palombi, A., 1947a, 1, 2, 3, 4-5, fig. 1 (Mugil auratus; Trieste, M. capito, Lake Fusaro); 1949b, 253-255, fig. 22.--Price, E.W., 1939c, 65.--Sproston, N. G., 1946a, 321-322, 531.
muelleri (Meserve, 1938) Price, E.W., 1939c, 65, 67, 70, fig. 14 (syn.: Entobdella muelleri) (Cratinus agassizii; gills; Tagus Cove, Albemarle Island, Galapagos Island).--Sproston, N.G., 1946a, 323, 521.
noblei Menzies, R. J., 1946a, 428-430, pl., figs. 1-5 (Sebastodes paucispinus; gills; Monterey Bay, California).
ovata (Goto, 1894) MacCallum, G. A., 1927a, 298.--Johnston, J. H., 1929a, 75.--Meserve, F. G., 1938a, 35.--Sproston, N. G., 1946a, 322, 516.--Yamaguti, S., 1943h, [p. 2].
pacifica (Guberlet, 1936) Price, E. W., 1939c, 65, 66, 70 (Aetobatus californicus.--Koratha, K.J.; & Martin, W.E., 1960a, 14-15 (Myliobatus californicus).--Sproston, N.G., 1946a, 322, 515.
pagrosomi (Ishii & Sawada, 1938) Price, E.W., 1939c, 65 (Pagrosomus major). Sproston, N. G., 1946a, 322, 532.--Yamaguti, S., 1943h, [p. 2] (Pagrosomus unicolor; Japan).
posterocolpa Hargis, W.J., 1955e, 220, 221, 222-223, 224, pl. V, figs. 33-38 (Rhinoptera quadriloba; skin, ventral surfaces; Tampa Bay, Florida).
sciaenae (Beneden, P.J., 1856) MacCallum, G.A., 1927a, 298.--Johnston, T. H., 1929a, 75.--Meserve, F.G., 1938a, 35.--Palombi, A., 1949a, 251-253, figs. 20-21 (Sciaena aquila, Palermo, Umbrina cirrhosa; Pisa).--Sproston, N.G., 1946a, 317-318, 538.
sebastodis (Yamaguti, 1934) Meserve, F. G., 1938a, 35.--Sproston, N. G., 1946a, 322, 539 (Sebastodes inermis; Ise Bay, Japan).--Yamaguti, S., 1943h, [p. 2].
sekii (Yamaguti, 1937) Meserve, F.G., 1938a, 35.--Sproston, N. G., 1946a, 323, 532 (Pagrosomus unicolor; Otya, Hiroshima, Japan).--Yamaguti, S., 1943h, [p. 2].
seriolae (Yamaguti, 1934) Meserve, F. G., 1938a, 35.--Price, E. W., 1938a, 410.--Sproston, N.G., 1946a, 323, 539 (Seriola aureovittata; Inland Sea, Japan).--Yamaguti, S., 1943h, [p. 2].
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(BENEDENIELLA) Johnston, T.H., 1929a, 75 (type: Benedenia (Benedeniella) macrocolpa); 1931b, 96.--Price, E. W., 1939c, 65.
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BENEDENIINAE Johnston, T.H., 1931b, 95, 96.--Meserve, F.G., 1938a, 32-34 (key).--Price, E. W., 1939c, 64-65 (Capsalidae) (key).--Sproston, N. G., 1946a, 315-316.
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biliphaga (Srivastava, 1956) Skrjabin, K. I.; & Antipin, D. N., [1959b] 657, 663, 665, fig. 185a (syn.: Xenopharynx biliphaga) (Tropidonotus piscator; gall bladder; India).
piscator (Bhalerao, 1926) Skrjabin, K. I.; & Antipin, D. N., [1959b], 658, 665, fig. 185 (tod) (Tropidonotus piscator, Naja bungarus; gall bladder; India).
BIANIUM Stunkard, H. W., 1930b, 363 (mt: B. concavum). --Manter, H. W., 1947a, 279, 280 (syn.: Diploporus Ozaki, 1928). --Park, J. T., 1939a, 15.--Sogandares-Bernal, F.; & Hutton, R. F., 1958a, 566-567.
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concavum Stunkard, H. W., 1930b, 363 (mt) (Lagocephalus laevigatus, Spheroides maculatus, Siphostoma fuscum, Cynoscion regalis); 1931a, 715 (as syn. of B. plicitum). --Sogandares-Bernal, F.; & Hutton, R. F., 1958a, 567 (as syn. of Diploproctodaeum plicitum).
cryptostoma (Ozaki, 1928) Manter, H. W., 1940a, 377; 1947a, 280, 281, 386. --Sogandares-Bernal, F.; & Hutton, R. F., 1958a, 567 (as syn. of Diploproctodaeum cryptostoma).
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lecanocephalum Perez Vigueras, I., 1955c, 191-194, fig. 1 (Osbeckia scripta; intestine).--Sogandares-Bernal, F.; & Hutton, R. F., 1958a, 567 (as syn. of Diploproctodaeum haustrum).
plicitum (Linton, 1928) Stunkard, H. W., 1931a, 715-718, 720, 721, figs. 3-7 (syn.: Psilostomum plicitum, Bianium concavum, Distoma sp. Linton, 1898) (Spheroides maculatus).--Caballero y C., E.; Bravo Hollis, M.; & Grocott, R. G., [1953a], 171-175, figs. 3-4 (Spheroides annulatus; small intestine; Panama). --Caballero y C., E.; & Brenes Madrigal, R. R., [1958a], 224-226, pl., fig. 4 (Sphoeroides sp.; small intestine; Costa Rica). --Linton, E., 1934c, 127 (Spheroides maculatus; Woods Hole, Massachusetts); 1940a, 102-104, pl. 6, fig. 57, pl. 7, figs. 57-64 (Lagocephalus laevigatus, Microgadus tomcod, Spheroides maculatus; intestine; Woods Hole, Massachusetts). --Manter, H. W., 1940a, 377; 1940b, 537, 538; 1947a, 258, 279-281, 373, 375, 378, 379, figs. 27-28 (Spheroides spengleri, Spheroides sp. (probably S. dorsalis), Monacanthus hispidus; Tortugas, Florida; Lagocephalus laevigatus, Siphostoma fuscum, Cynoscion regalis; Beaufort, North Carolina). --Nigrelli, R. F., 1940b, 550 (Spheroides maculatus; New York Aquarium). --Park, J. T., 1939a, 15.--Pearse, A. S., 1949a, (Spheroides maculatus; intestine; Beaufort, North Carolina). --Sogandares-Bernal, F.; & Hutton, R. F., 1958a, 567 (as syn. of Diploproctodaeum plicitum).
tetrodontis Nagaty, H. F., 1956b, 524-525, 526, 527, pl. I, figs. 6-7 (Tetrodon reticularis; Ghardaga, Egypt). --Sogandares-Bernal, F.; & Hutton, R. F., 1958a, 567.
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R.W., 1910b, 935-936, figs. 1-3.--Freeman, E.C., 1905a, 145-148(case contracted in England); 1907a, 278-279.--Fritsch, G., 1885a, 407, 311(anatomy & histology); 1888a, 192-223, pls. 11-12 (anatomy & histology).--Fróes, J.A.G., 1908a, 371, 372, 373(rectal schistosomiasis in Bahia).--Fulci, F., 1918a, 208-209.--Gamble, F.W., 1896a, 4, 63, 68-70, fig. 34; 1901a, 63, 68f, 69, fig. 34.--Garin, H., 1947a, 32(in gynaecology).--Gautrelet, L. -C., E., 1885a, 577-579.--Gerber, J.H., 1952b, 92(in Boajibu, Sierra Leone).--Girgis, B., 1952a, 606 (cor pulmonale).--González Martínez, I.F., 1904a, 193-194(in Puerto Rico).--Goodhue, E. S., 1906a, 1583.--Gough, L. H., 1908a, 3; 1919b, 169.--Grassi, G.B.; & Rovelli, G., 1888c, 799 (in Sicily).--Grawitz, E., 1906a, 767.--Gray, F. C., [1937a], 94; [1939b], 91-92 (in lung).--Greig, E. D. W., 1940d, 228-229(resistance to antimony).--Guès, A., 1879a, 169-175.--Guiart, J., 1910a, 284.--Guillemard, F. H. 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jokogawai Kessler, E., 1932a, 12(for yokogawai).

kowalewskii (Parona & Ariola, 1896) Looss, A., 1899b, 658.--Braun, M.G.C.C., 1902b, 140.--Kowalewski, M., 1903b, 196; 1903c, 196.--Odhner, T., 1911b, 40.--Stunkard, H.W., 1923f, 167, 168.

littlebi (Byrd, 1956) Byrd, E. E., 1957a, 374-376, pl. I, figs. 1 a-b (Dendroica pennsylvanica; mesenteric vein; Mountain Lake, Virginia).

polonica (Kowalewski, 1895) Looss, A., 1899b, 543, 658.--Artsimovich, Z. A., 1959a, 12 (Anas platyrhynchos domesticus; blood vessels of liver & intestine; Odessa oblast).--Baer, J.G., 1932b, 48-49, fig. 31 (Mergus merganser; mesenteric veins; Lake Neuchâtel).--Baylis, H. A., 1929c, 51-52(duck, domestic duck).--Bezubik, B., [1957a], 430-431, 481, 492 (Anas platyrhynchos; Poland).--Bittner, H., 1926a, 725.--Bittner, H.; & Sprehn, C.E.W., 1928a, 27, fig. 12g(Anas platyrhyncha, A. querquedula, A. crecca, Dafila acuta, Nyroca fuligula, Mergus albellus, Ardea cinerea).--Böhm, K. K., 1928c, 455.--Braun, M.G.C.C., 1902b, 140, 141, 145.--Brumpt, E. J. A., 1931e, 253-255 (dermatitis; first record from France); 1936 1, 552, 627, figs. 273H, 327.--Bykhovskaia, I.E., [1954b], 80-82, 101, 104, 105, fig. 67(Tringa ocrophus, Anas querquedula, A. platyrhyncha, Nyroca ferina, Bucephala clangula, Mergus albellus; western Siberia); 1955a, 141, 145, 149 (Bucephala clangula, Mergellus albellus; Tadzhikistan).—Bykhovskaia, I.E.; & Ryzhikov, K.M., [1959a], 290-291(Querquedula crecca, Q. querquedula; Yakutiia).—Eichholtz, F., 1930a, 140-141 (treatment).--Ejsmont, K., 1926a, 952; 1929a, 389, 390, 398; 1931b, 535, 536, 542, 543, 544 (Anas platyrhynchos, A. platyrhynchos domestica, Querquedula querquedula, Nettion crecca, Dafila acuta, Anas boschas; blood; Lemberg, A. crecca, Spatula clypeata; Mareca penelope, Anser domesticus, Mergellus albellus, Nyroca nyroca, Fuligula fuligula, Cygnus cygnus, C. olor, Botaurus stellaris, Ardea cinerea); 1931c, 26.--Faust, E.C., 1918c, 20, 21.--Fediushin, A.V., 1937a, 171(Anas platyrhyncha; western Siberia).--Frömming, E., 1932a, 157 (tabular list only) (Coretus corneus). Fuhrmann, O., 1928b, 77.--Gedoelst, L., 1911a, 101, fig. 141 (domestic duck, Poland).--Ginetsinskaia, T. A., 1952b, 57 (Podiceps cristatus; Astrakhan preserve); 1906b, 1013(glycogen in cercariae).--Golikova, M.N., 1960e, 86 (Coretus corneus; Kaliningrad oblast).—Gower, W.C., 1938c, 61, 72, 73, 74, 75 (Anas platyrhynchos, A. platyrhynchos(domestic), Querquedula querquedula, Nettion crecca, Dafila acuta, Fuligula fuligula, Ardea cinerea, Nyroca leucophthalma, Cygnus olor, Planorbis corneus); 1939a, 593, 616, 617, 618, 620, 621, 622 (synonymy) (Nyroca fuligula, N. nyroca).—Gubs'kii, V.S., 1957a, 178(Anser anser; lower Dniester).--Hall, M.C., 1922a, 535; [1923b], 50.—Heinemann, E., 1936a, 330-333, fig. VI(goose).--Ianchev, I.; & Bozhkov, D. K., 1958a, 427, 429, 431 (syn.: Bilharzia polonica Kowalewski, 1895, Schistosomum polonicum (Kowalewski, 1895), Ornithobilharzia polonica (Kowalewski, 1895) Tanabe, 1925) (Anas platyrhynchos, A. querquedula, Spatula clypeata; Bulgaria).--Isaichikov, I.M., 1927k, 7, 8 (diagnosis) (duck; blood vessels, goose); 1927p, 122 (Crimea).--Kessler, E., 1932a, 46 pp. (canard).--Kotel'nikov, G.A., 1958a, 41(ducks; Akmolinsk Oblast).--Kowalewski, M., 1902b, 1 (kaczka(duck); Dublany); 1902d, 28 (Anas querquedula, A. acuta, A. crecca, A. boschas, A. boschas domesticus, Mergus albellus); 1903b, 196, fig. 2; 1903c, 196, fig. 2; 1904f, 23(Fuligula leucophthalmos; Dublany); 1905c, 23.--Layman, E.M., 1926d, 71.--Leonov, V. A., 1956a, 75.--Litvishko, N.T.; & Pustovar, I.P., 1960a, 151 (pathology).--Lopez-Neyra, C.R., 1924a, 32.--Luehe, M.F.L., 1909b, 155-156, fig. 115(Anas boschas, A. crecca).—Macko, J. K., 1960, 89, 91, 92, fig. 5 (Anas crecca; Slovensko(CSR)); 1960b, 550, 551, 552 (Ciconia nigra).—Manson-Bahr, P.H., 1954c, 61(Planorbis corneus(intermediate host), wild & domestic ducks; mesenteric & pelvic veins; Europe & North America).--Mathias, P., 1930a, 151, 152, 155, 156, 159 (Planorbis corneus).--Minning, W., 1951a, 43, 44 (serological diagnosis).--Montgomery, R.E., 1906a, 18.--Neumann, L. G., 1909a, 96, 176.--Neveu-Lemaire, M., 1912a, 614.--Odhner, T., 1911b, 40; 1912b, 59, 60, 61, 68, 69, fig. 6c (Fuligula cristata, Anas crecca; Gotland).--Oshmarin, P.G., 1959e, 199(hatching of eggs).--von Ostertag, R., 1932a, 497 (meat inspection).--Paudere, V. I., 1957a, 323 (ducks; Latvian SSR); 1958a, 337 (intensity of infection) (domestic birds; Latvia).--Petrov, A.M., 1926b, 99, 101, 110, 111.--Porter, A., 1931a, 26-27(Physopsis afri-

cana, Planorbis pfeifferi); 1938a, 4, 8, 31, 40, 140-144, 147, 148, pl. 14, figs. 1-5 (Fulica cristata, Anas platyrhynchos, Scopus umbretta; Hartebeestpoort District, Natal; Zululand, South Africa).--Price, E.W., 1929k, 26-27, pl. 14, figs. 56-58 (Anas platyrhynchos, A. platyrhynchos domesticus, Querquedula querquedula, Nettion crecca, Dafila acuta, Fuligula fuligula, Ardea cinerea, Nyroca leucophthalma, Cygnus olor).--Ryzhikov, K.M., 1956a, 114 (Anas platyrhynchos, A. clypeata, A. querquedula, A. crecca; Rybinsk reservoir, Yaroslav district); 1956b, 133, 138, 139 (Anas clypeata, A. acuta; Gruzinskaia SSR); 1959a, 239 (Cygnus olor; SSSR).--Sewell, R.B.S., 1922a, 259, 354.--Shigin, A.A., 1954b, 58 (piscivorus birds of fish reservoirs).--Skrjabin, K.I., 1923k, 225, 246-248, 250, 252, 256; 1926b, 308 (Anas boschas fer); 1927p, 24.--Solonitsyn, I.A., 1928a, 95 (Cygnus musicus, Anas crecca).--Sprehn, C.E.W., 1930r, 769, 773; 1932c, 366, 367, 855, 859, 860, 861, 863 (syn.: Cercaria ocellata La Valette, 1855) (Ardea cinerea, Planorbis corneus, Anas platyrhyncha, A. querquedula, Nyroca fuligula, Anas crecca, Mergus albellus; Europe).--Stunkard, H.W., 1923f, 167.--Sulgostowska, T., 1958a, 117, 118, 119, 120, 121, 124, 126, 128, 132, 134 (Anas crecca; liver, A. platyrhynchos; blood vessels of liver & intestine, A. querquedula, Aythya ferina; blood vessels of liver, A. nyroca; circulatory system of liver, Podiceps griseigena; blood vessels of intestine, P. cristatus; blood vessels of liver, Ardea cinerea; liver; Druźno Lake, Poland).--Sultanov, M.A., [1959b], 368 (chirok-svistunok [Anas crecca], shilokhvost [A. acuta]; Uzbekistan).--Szidat, L., 1928b, 331-332, fig. 1 (Anas boschas); 1929e, 78-87, figs. 1-8 (Planorbis corneus); 1929g, 461-470 (morphology & biology of cercaria); 1930e, 722; 1930f, 1055-1056; 1930i, 99-100; 1930k, 304-308, figs. 1-4 (cercaria in Planorbis corneus); 1940a, 579 (Ardea cinerea); 1942a, 483, 486, 487, 488, 489, 494-497, 510, 511, 512, 513, 515, 520, 521, 523, figs. 2, 18a, 19a (syn.: Cercaria ocellata of Ercolani, 1881, nec La Valette).--Tanabe, B., 1925a, 258, 260, 271-272, 274 (Mergus albellus, Grus cinerea).--Veldemann, L., 1957a, 283 (domestic ducks; Estonia SSR).--Wardle, R.A., 1929a, 55.--Wesenberg-Lund, C.J., 1934b, 98, 104, 107-109, 122, 136, 138, 139-140, 177, 181, 187, 205, pl. 21, figs. 5-7, pl. 36, fig. 5, pl. 39, fig. 21 (cercaria; Ocellata group) (Planorbis corneus; Denmark).--Wikgren, B.-J., 1956a, 84, 90-91 (Anatidae; abdominal veins; Finland).--Wiśniewski, W.L., 1958a, 26; 1958a, 38, table XIIb between 40, 41 (cercaria in Coretus corneus, Planorbis planorbis, Spiralina vortex; Druźno Lake, Poland).--Zdun, V.I., 1959b, 97, 103, 108, fig. 5 (cercaria in Coretus corneus; Warsaw).

pulverulenta Braun, M.G.C.C., 1901g, 946-947 (Anas querquedula; Dongola); 1902b, 140, 141.--Bittner, H.; & Sprehn, C.E.W., 1928a, 27.--Faust, E.C., 1919c, 21 (Anas querquedula).--Odhner, T., 1911b, 39, 40; 1912b, 60, 69.--Skrjabin, K.I., 1924d, 151.--Sprehn, C.E.W., 1932c, 367, 861.--Stunkard, H.W., 1923f, 167.--Tanabe, B., 1925a, 258, 260, 272, 274.

yokogawai Oiso, T., 1927a, 863-864, 2 pls., figs. 1-10; English summary, 6-7 (Limnea radix, ducks).--Baylis, H.A., 1929c, 51.--Ejsmont, K., 1931b, 544 (to Pseudobilharziella Ejsmont, 1929); (1931c), 25; 1931f, 7.--Kessler, E., 1932a, 12 (spelled jokogawai).--Lee, Y.C.; et al., 1957a, 62, 67 (ducks; Taiwan).--Machattie, C., 1936a, 117 (Anas crecca; Iraq).--McLeod, J.A., 1937a, 461 (to Pseudobilharziella).--Morishita, K., 1929a, 164 (Anas boschas domesticus, Limnaea pervia; Formosa); 1929b, 164.--Price, E.W., 1929k, 27-28, pl. 15, figs. 61-64 (Anas platyrhynchos domesticus, Lymnaea radix).--Sprehn, C.E.W., 1932c, 367, 859 (Anas platyrhyncha, Limnaea radix; Formosa).

BILHARZIELLINAE Price, E.W., 1929k, 25.--van den Berghe, L., 1939c, 152 pp. (Schistosomidae).--Brumpt, E.J.A., 1931c, 326.--Cheatum, E.L., 1941a, 165-170 (emend.).--Darriba, A.R., 1931a, 177.--Lal, M.B., 1937d, 275 (emend.; Schistosomidae); 1939c, 184, 186 (key to species; type genus: Bilharziella Looss, 1899).--López-Neyra, C.R., 1941a, 378 (Schistosomidae).--McLeod, J.A., 1940a, 16, 17-18.

BILHARZIIDAE Odhner, T., 1912b, 58-59.--Fuhrmann, O., 1928b, 46.--Lal, M.B., 1939c, 184 (as syn. of Schistosomidae Looss, 1899).--Mehra, H.R., 1933a, 203 (as syn. of Schistosomatidae Looss, 1899).--Skrjabin, K.I., 1920d, 15.--Sprehn, C.E.W., 1932c, 358 (as syn. of Schistosomidae Looss, 1899).--Tanabe, B., 1925a, 258.

BILHARZIOSIS. See Schistosomiasis.

BILORCHIS Mehra, H.R., 1937a, 429, 430, 452, 462 (tod: B. indicum).--Byrd, E.E.; & Denton, J.F., 1938a, 381.

indicum Mehra, H.R., 1937a, 429, 430, 450-452, 466, figs. 10-11 (Lissemys punctata; gall bladder; Allahabad U.P., India).--Hughes, R.C.; Higginbotham, J.W.; & Clary, J.W., 1941a, 42; 1942a, 121.

BIOVARIINAE Yamaguti, S., 1958a, 222.

BIOVARIUM Yamaguti, S., 1934a, 250, 361-363, 366 (tod: B. cryptocotyle) (Acanthostomidae, Cryptogoniminae).--Price, E.W., 1940c, 10 (Cryptogonimidae, Crypto-

687-695 O - 63 - 9

goniminae).

cryptocotyle Yamaguti, S., 1934a, 250, 361-363, fig. 57 (tod) (Lateolabrax japonicus; small intestine & pyloric appendages; Tokoname).

Bisi. Indian term for paramphistomiasis of sheep & goats.

(BISPINA) Tripathi, Y. R., 1956b, 242.

BISTOMA Reich, G. C., 1801a, 371, lapsus for Distoma=Fasciola.

BIVESICULA Yamaguti, S., 1934a, 251, 390-393 (tod: B. claviformis)(Monorchiidae, Bivesiculinae). --Hopkins, S. H., 1941b, 398. --Park, J. T., 1938b, 293, 297. --Yamaguti, S., 1938c, 77 emend.; 1939e, 212, 223(Bivesiculidae).

australis Crowcroft, P. W., 1947b, 21-24, figs. 13-15 (Neosebastes thetidis; intestine; Tasmanian waters).

claviformis Yamaguti, S., 1934a, 251, 390-393, fig. 74 (tod) (Seriola quinqueradiata, Parapristipoma trilineatum; small intestine; Tarumi); 1938c, 77. --Nagaty, H. F., 1948a, 358-359, fig. 2 (Serranus fasciatus; intestine; Red Sea).

epinepheli Yamaguti, S., 1938c, 2, 77-78, fig. 42 (Epinephelus akaara; small intestine; Inland Sea; 1939e, 211, 223.

hepsetiae Manter, H. W., 1947a, 327-328, 372, fig. 93 (Hepsetia stipes; Tortugas, Florida). --Le Zotte, L. A., 1954a, 149, 150-152, 159, 160, 161, pl. III, figs. 22-25 pl. IV, fig. 26(Atherinomorus stipus). --Siddiqi, A. H.; & Cable, R. M., 1960a, 278, 334, fig. 25 (Hepsetia stipes; intestine; Punta Arenas & Parguera, Puerto Rico). --Sogandares-Bernal, F., 1959b, 102(Hepsetia stipes; mid-intestine; Bimini, British West Indies).

synodi Yamaguti, S., 1938c, 2, 75-77, fig. 41(Synodus japonicus; intestine; Numadu).

tarponis Sogandares-Bernal, F.; & Hutton, R. F., 1959a, 114-115, fig. 1-4 (Megalops atlanticus; pyloric ceca, intestine; Gulf of Mexico). --Hutton, R. F.; & Sogandares-Bernal, F., 1960a, 288.

BIVESICULIDAE Yamaguti, S., 1939e, 211, 223 (type: Bivesicula). --Le Zotte, L. A., 1952a, 28; 1954a, 148-162.

BIVESICULINAE Yamaguti, S., 1934a, 392; 1938c, 77; 1939e, 223 [raised to family rank].

BIVESICULOIDES Yamaguti, S., 1938c, 2, 79, 80 (tod: B. atherinae); 1939e, 212, 223 (Bivesiculiade). --Hopkins, S. H., 1941b, 398(Monorchiidae).

atherinae Yamaguti, S., 1938c, 2, 78-80, fig. 43(tod)(Atherina bleekeri; small intestine; Lake Hamana).

otagoensis Manter, H. W., 1954b, 476, 529, 533-534, 563, figs. 62-63 (Plagiogenion rubiginosus; intestine; Dunedin, New Zealand).

BIVITELLOBILHARZIA Vogel, H.[1]; & Minning, W., 1940a, 572-573 (tod:B. loxodontae). --Dutt, S. C.; & Srivastava, H. D., 1955b, 283. --Schwetz, J.; Baumann, H.; Fort, M., 1954a, 495-498 (mt.: B. loxodontae).

loxodontae Vogel, H.[1]; & Minning, W., 1940a, 566-574, figs. 4-9 (tod) (Loxodonta africana; veins of intestinal wall, Galba (Lymnaea) palustris, maus (exper.). --Beaudiment, R.; et al., 1957a, 15.

loxodontae Schwetz, J.; Baumann, H.; & Fort, M., 1954a, 496-498, pls., figs. 1-3 (elephant; Congo Belge)[preoccupied].

nairi Dutt, S. C.; & Srivastava, H. D., 1955b, 283; [1958a], 378. --LeRoux, P. L., 1958, 14.

BOLBOCEPHALIDAE Dubois, G., 1934b, 8 (type: Bolbocephalus); 1936a, 512 (as syn. of Bolbocephalodidae Strand).

BOLBOCEPHALODES Strand, E., 1935a, 176 (syn.: Bolbocephalus Dubois, 1934). --Dubois, G., 1936a, 512; 1938b, 420(type: B. intestiniforax).

intestiniforax (Dubois, 1934) Dubois, G., 1938f, 34, 420-422, figs. 307-309.

BOLBOCEPHALODIDAE Strand, E., 1935a, 176(syn.: Bolbocephalidae). --Dubois, G., 1936a, 512; 1938b, 419.

BOLBOCEPHALODINAE Dubois, G., 1936a, 512; 1938b, 420.

BOLBOCEPHALUS Dubois, G., 1934b, 1, 8 (tod:B. intestiniforax).

intestiniforax Dubois, G., 1934b, 1-8, figs. 1-5(tod)(Botaurus stellaris; intestine; Syria).

BOLBOPHORUS Dubois, G., [1935b], 146, 176 (tod:B. confusus(Krause, 1914); 1936a, 511; 1938b, 29, 158; 1953a, 56.

confusus Dubois, G., [1935b], 172-180, figs. 21-24(syn.:Hemistomum trilobum Brandes, 1888)(Pelecanus oncrotalus, P. crispus, P. erythrorhynchus, Scardineus erythrophthalmus, Idus idus, Blicca björkna, Perca fluviatilis, Mugil saliens); 1938b, 158-161, 483, figs. 96-98.—Baylis, H. A., 1939a, 474 (Phalacrocorax aristotelis; London). --Dollfus, R. P. F., 1950a, 9, 85-86, figs. 63-64 (Pelecanus rufescens; intestine; Congo Belge). --Dubinin, V. B., 1949c, 137-138, fig. 5 (Scardinius erythrophthalmus, Leuciscus idus, Blicca björkna, Abramis brama, A. sapa, Perca fluviatilis, Cyprinus carpio, pelicans; Volga Delta); 1954e, 209(Pelecanus crispus, P. onocrotalus; intestine, Volga Delta). --Hoffman, G. L., 1955b, 202; 1960a, 447, fig. 8(life cycle).—Ianchev, I., 1958a, 405, fig. 7(Pelecanus crispus; Zoological Garden, Sofia, Bulgaria). --Olivier, L. J., 1940b, 451(Esox lucius).

orientalis Vidyarthi, R. D., 1938a, 35-36, 37, figs. 3-4 (Buteo r. rufinus; small intestine; Allahabad, U. P., India).—Dubois, G., 1938b, 495-496, figs. K-L.

BOTHITREMA Price, E. W., 1936b, 11(tod: B. bothi) (Dactylogyridae, Bothitrematinae); 1937b, 159. --Sproston, N. G., 1946a, 188, 256.

bothi (MacCallum, 1913) Price, E. W., 1936b, 11 (tod); 1937b, 159-161, figs. 16-19. --Sproston, N. G., 1946a, 256, 257, 528, figs. 31 a-f(Lophopsetta maculata; gills; Woods Hole, Massachusetts).

BOTHITREMATIDAE Bykhovskii, B. E., 1957a, 35, 95, 270, 272, 278, 305, 316, 318, 340, 387, 388, 394-397, 452, 453 (syn.: Bothitrematinae Price, 1938).

BOTHITREMATINAE Price, E. W., 1936b, 11; 1937b, 121, 159.--Mizelle, J. D., 1938a, 14.

BOTHRIGASTER Dollfus, R. P. F., 1948h, 147("pour remplacer Bothriogaster Fuhrmann, 1904").

variolaris (Fuhrmann, 1904) Dollfus, R. P. F., 1948h, 147.

BOTHRIGASTRIDAE Dollfus, R. P. F., 1948h, 147.

BOTHRIGASTRINAE Dollfus, R. P. F., 1948h, 147-148(includes: Bothrigaster nom. nov., Spaniometra).

BOTHRIOGASTER Fuhrmann, O., 1904h, 59-61(mt.: B. variolaris)(Syncoeliinae); 1928b, 121 (as syn. of Spaniometra). --Dollfus, R. P. F., 1948h, 147 (renamed Bothrigaster). --Harrah, E. E., 1922a, 14, 16. --Ivanitskaia, V. V., 1920a, 5. --Joyeux, C. E.; & Baer, J. G., 1927b, 416, 418, 420, 422, 424.--Lal, M. B., 1939c, 133.--Witenberg, G. G., 1923b, 86, 89, 99, 127, 129; 1926a, 174.

variolaris Fuhrmann, O., 1904h, 59-61, figs. 1-2 (Rostrhamus sociabilis; intestine: Java). --Dubois, G., 1959b, 107, 117 (as syn. of Ophthalmophagus variolaris). --Harrah, E. C., 1922a, 20, 21, 30, 73, 75, 79. --Joyeux, C. E.; & Baer, J. G., 1927b, 420, 426 (as syn. of Spaniometra variolaria). --Kossack, W. F. K., 1911b, 551. --Morishita, K., 1924b, 163; 1929a, 145.--Travassos, L. P., 1921b, 123; 1922f, 190. --Travassos, L. P.; Pinto, C. F.; & Muniz, J., 1928a, 263. --Witenberg, G. G., 1923b, 92, 95, 99, 129; 1926a, 113, 120, 122, 123.

(BOTHRIOPHORON) Stiles, C. W.; & Goldberg, J., 1910a, 74, 75, 77 (type: Paramphistomum bothriophoron).

BOTHRIOPHORON (Stiles & Goldberger, 1910). --Gretillat, S., 1958a, 240-253.

bothriophoron (Braun, 1892) Gretillat, S., 1958a, 240-252, figs. 1-7 (Bos indicus; reticulum; Madagascar); 1959c, 55-60; 1960c, 509(Bos taurus; Tchad).

BOTULIDAE Guiart, J., 1938b, 4, 26.

BOTULISACCUS Caballero y C., E.; Bravo Hollis, M.; & Grocott, R. G., 1955a, 138, 142-143 (tod: B. pisceus).

pisceus Caballero y C., E.; Bravo Hollis, M.; & Grocott, R. G., 1955a, 138-142, 143, figs. 16-17(tod)(Albula vulpes; intestine; Panama).

BOTULUS Guiart, J., 1938b, 4, 26(mt: B. alepidosauri).

alepidosauri Guiart, J., 1938b, 26-27, 58-59, 63, 64, 76, 80, pl. A., fig. 5, pl. 2, figs. 24-27(mt)(Alepidosaurus ferox; intestine; Atlantic south of Madeira).

BRACHADENA Linton, E., 1910b, 17 (tod: B. pyriformis). --Fuhrmann, O., 1928b, 110. --Margolis, L., 1958b, 900, 901, 902, 903 (key). --Poche, F., 1926b, 204. --Yamaguti, S., 1958a, 294 (as syn. of Lecithophyllum).

anisotrema Manter, H. W.; & Pritchard, M. H., 1960a, 98 [combination indicated] (as syn. of B. pyriformis).

pyriformis Linton, E., 1910b, 17, 22, 55, 92, pl. 15, figs. 123-126 (tod)(Calamus calamus; Haemulon macrostomum, H. plumieri, H. sciurus; Dry Tortugas). --Bravo Hollis, M., 1956a, 269-270, fig. 20 (Lutianus aratus; intestine; La Paz, Baja California). --Manter, H. W., 1931c, 409 (Micropogon undulatus, Orthopristis chrysopterus; intestine); 1947a, 354, 369, 370, 371, 372, 374, 378 (syn.: "Distomum bothryophoron Olsson" of Linton, 1905, Lecithaster anisotrema MacCallum, 1921, "L. gibbosus (Rudolphi)" of Linton, 1940 in part)(Bathystoma striatum, Brachygenus chrysargyreus, Calamus bajonado, Chaetodon ava, C. sedentarius, Haemulon album, H. macrostomum, H. parra, H. plumieri, Ogcocephalus cubifrons; stomach, Tortugas). --Manter, H. W.; & Van Cleave, H. J., 1951a, 335-336, 377(Anisotremus davidsonii, Porichthys sp.; stomach, California). --Pérez Vigueras, I., 1958a, 22, 23, fig. 63 (Chaetodon bimaculatus; intestine; Habana). --Sogandares-Bernal, F., 1959b, 103 (Haemulon album, H. plumieri, H. sciurus, H. parra, Malacanthus plumieri; stomach; N. Bimini, British West Indies).

BRACHILAIMUS Neumann, L. G., 1897f, 674, misprint for Brachylaimus.

BRACHYCAECUM Railliet, A., 1896d, 15 Mar., 160, Brachycoelium Dujardin, 1845a[not Brachycoelus Chaudoir; coleopteron] renamed, hence type crassicolle. --Stiles, C. W.; & Hassall, A., 1898a, 83 (for Brachycoelium). --Stossich, M., (1898c), 31.

brusinai (Stossich, 1889[Looss, 1901]) Barbagallo, P.; & Drago, U., 1903a, 410(Oblata melanura; Catania) Brachycaecum as subg. of Distoma.

BRACHYCELIUM Monticelli, F. S., 1888a, 38, for Brachycoelium.

BRACHYCEPHALUS Zmeev, C. I., 1932b, 257. [? lapsus for Brachyphallus].

amuriensis (Babaskin, 1928) Zmeev, G. I.,

1932b, 257(Oncorhynchus keta);1936b, 411 (Oncorhynchus keta; Amur).
BRACHYCLADIIDAE Fasut, E.C., 1929c, 88, 162; 1932d, 462.--Price, E. W., 1932h, 3 (as syn. of Fasciolidae Railliet, 1895). --Yamaguti, S., 1958a, 839(as syn. of Fasciolidae).
BRACHYCLADIINAE Odhner, T., 1905a, 346, 347(Fasciolidae); 1910d, 165.--Ejsmont, F., 1932b, 1091.--Faust, E.C., 1929c, 88. --Isaichikov, I.M., 1933a, 20.--Price, E. W., 1932h, 5 (as syn. of Campulinae).--Skrjabin, K.I., 1915g, 1058(key to genera).
BRACHYCLADIUM Looss, A., 1899b, Dec., 558-560(tod: B. palliatum); 1901b, 208; 1902m, 707, 708, 709, 711, 715, 716, 717, 718, 755-778 (cf. Campula; Opisthorchis), 811.--Braun, M.G.C.C., 1900g, 251, 254; 1901b, 38.--Fuhrmann, O., 1928b, 121(as syn. of Campula).--Guiart, J., 1938b, 18 (as syn. of Campyla).--Isaichikov, I.M., 1933a, 20.--Odhner, T., 1905a, 347a-348; 1910d, 165; 1926a, 5.--Price, E.W., 1932h, 6 (as syn. of Campula).--Skrjabin, K.I., 1915g, 1059, 1062, 1064.
species Nicoll, W., 1909b, 397 (Phocaena communis).
delphini (Poirier, 1886) Looss, A., 1899b, 558; 1902m, 707, 708.--Baylis, H. A., 1932b, 397(as syn. of Campula delphini). --Freund, L., 1932b, 54(Delphinus delphis; liver).--Nicoll, W., 1909b, 426, 436, 550. --Odhner, T., 1905a, 348.--Price, E.W., 1932h, 9, 10.--Skrjabin, K.I., 1915g, 1059. --Sprehn, C.E.W., 1932c, 286.
oblonga (Cobbold, 1858 of Braun; 1900) Looss, A., 1902m, 716.--Baylis, H. A., 1932b, 396.--Freund, L., 1932b, 46, 47.--Nicoll, W., 1909b, 392, 397, 426-441, 445, 467, pl. 9, figs. 6-8(Phocaena communis). --Odhner, T., 1905a, 343, 347.--Price, E.W., 1932h, 7.--Skrjabin, K.I., 1915g, 1059.
palliatum (Looss, 1885) Looss, A., 1899b, 558, 560; 1902m, 707, 708, 711, 715.--Baylis, H.A., 1932b, 397(as syn. of Campula palliata).--Darr, A., 1902a, 653.--Freund, L., 1932b, 53 (Delphinus delphis; gall ducts).--Nicoll, W., 1909b, 426, 428, 429, 430, 431, 432, 434, 435, 436, 438, 439, 441. --Odhner, T., 1905a, 341, 342, 347, 348.--Price, E.W., 1932h, 9, 10.--Sprehn, C.E. W., 1932c, 286.
rochebruni (Poirier, 1886) Looss, A., 1899b, 558; 1902m, 707, 811.--Baylis, H. A., 1932b, 397(as syn. of Campula rochebruni).--Freund, L., 1932b, 54(Delphinus delphis; liver).--Nicoll, W., 1909b, 426, 428, 436, 440.--Odhner, T., 1905a, 344, 346, 347.--Price, E.W., 1932h, 81.--Sprehn, C.E.W., 1932c, 286.
BRACHYCOELIIDAE Johnston, S.J., 1921a, 296(includes Brachycoeliinae, Pleurogenitinae).--Byrd, E. E., 1937c, 196.--Cheng, T.C., 1960c, 439-469; 1960d, 464-474.--Cheng, T. C.; & Provenza, D.V., 1960a, 162-168(includes: Brachycoeliinae Looss, 1899; Leptophallinae Dayal, 1938; Glypthelminae Cheng, 1959; Mesocoeliinae Dollfus, 1929).--Dollfus, R. P. F., 1929a, 1315; 1930b, 145; [1937c], 398, 499-501.--Faust, E.C., 1919d, 334; 1929c, 162, 186; 1932d, 463, 464.--Odening, K., 1959d, 450.--Parker, M.V., 1941a, 41.--Porter, A., 1938a, 387-388.--Sprehn, C. E. W., 1932c, 221(as syn. of Dicrocoeliidae).
BRACHYCOELIINAE Looss, A., 1899b, 607, 611, 612, 614; 1902m, 839, 841.--Baer, J. G., 1924c, 28, 30 (includes: Brachycoelium, Margeana).--Cheng, T. C., 1958a, 68(includes: Brachycoelium, Leptophallus, Glypthelmins, Margeana, Mesocoelium, Pintneria, Orchidasma, Cymatocarpus). --Cheng, T.C.; & Provenza, D.V., 1960a, 163, 164.--Dollfus, R.P.F., 1929d, 91, 92; 1930b, 145; [1937c], 398, 499, 501-502.--Faust, E.C., 1924o, 114.--Fuhrmann, O., 1928b, 115, 116 (as syn. of Lecithodendriinae).--Isaichikov, I.M., 1933a, 23.--López-Neyra, C.R., 1941a, 338, 347(Plagiorchidae).--Luehe, M. F. L., 1909b, 91, 118(includes: Lecithodendrium, Pycnoporus, Phaneropsolus, Brachycoelium). --MacCallum, G.A., 1921c, 147.--Mehra, H.R., 1931a, 169-170, 176; 1937a, 459, 460-461 (Lepodermatidae) (key to genera).--Odening, K., 1959d, 450.--Odhner, T., 1910d, 43, 66, 77, 86, 89-90.--Sprehn, C. E. W., 1932c, 217.--Travassos, L. P., 1944a, 11.--Ward, H.B., 1918a, 400.
species Leiper, R. T. in Hamerton, A.E., 1935a, 472(Drymobius bifossatus; London Zoological Garden).
BRACHYCOELINAE Ward, H.B., 1901c, 185. --Dollfus, R.P.F., [1937c], 501.--Fuhrmann, O., 1928b, 52, 113.--Harrah, E.C., 1922a, 77.--Jaegerskiöld, L. A. K. E., 1903a, 14.--Travassos, L.P., 1921e, 85; 1921f, 59-67; 1921h, 73; 1927b, 623; 1928b, 189, 195.
(BRACHYCOELIUM) Dujardin, F., 1845a, 383, 388, 402 (subg. of Distoma), type crassicolle after Stiles & Hassall, 1898a, 83, but arrectum after Luehe, 1899k, 526. Raised to generic rank by Stiles & Hassall, 1898a, 83.--Perrier, E., 1897a, 1808.
BRACHYCOELIUM (Dujardin, 1845) Stiles, C.W.; & Hassall, A., 1898a, 83(type crassicolle after Stiles & Hassall, arrectum after Luehe).--Baird, W., 1853a, 52.--Benham, W.B.S., 1901a, 67.--Bittner, H.; & Sprehn, C.E.W., 1928a, 2.--Blanchard, R., 1891p, 609.--Braun, M. G. C. C., 1892a, 663, 672; 1893a, 885, 909, 910; 1900h, 6.--Byrd, E. E., 1937c, 184, 195, 196, 197-198(key).--Cheng, T. C., 1958c, 68-69, 79-80(key).--Cheng, T.C.; & Provenza, D. V., 1960a, 167 (key).--Cort, W. W.,

1919c, 296, 297.--Dollfus, R. P. F., 1922e, 332; 1929d, 91; 1929e, 33; 1930b, 145; [1937c], 494, 496, 497, 498, fig. 61D.--Fuhrmann, O., 1928b, 47, 116.--Giard, A., 1897c, 955, 956; 1897d, 956-957.--Looss, A., 1899b, 535, 536, 611-614, 617, 618, 620, 622, 623, 625, 647; 1902m, 705, 768-775, 814, 815, 816, 822, 823.--López-Neyra, C. R., 1914a, 347 (type: B. salamandrae).--Luehe, M. F. L., 1899k, 536 (type arrectum); 1900aa, 562, 563; 1909b, 118, 119.--MacCallum, G. A., 1921c, 147.--McMullen, D. B., 1935b, 378, 379, pl. 2, fig. 12.--Mehra, H. R., 1937a, 461.--Monticelli, F. S., 1888a, 38 (Brachycelium), 92, 105; 1892e, 687; 1893i, 43, 150.--Odhner, T., 1910d, 66, 76, 77, 87, 90, 93, 94.--Parker, M. V., 1941a, 40.--Poche, F., 1926b, 133, 141.--Pratt, H. S., 1902a, 889, 903 (key).--Railliet, A., 1896d, 169 (renamed Brachycaecum).--Rankin, J. S., 1938b, 358-375.--Sewell, R. B. S., 1922a, 233.--Skrjabin, K. I., 1923k, 195; 1923, 3.--Solov'ev, P. F., 1911b, 79.--Stafford, J., 1903a, 827, 838; 1905a, 684.--Stiles, C. W., 1901r, 179, 196, 197, 198, 199, 200, 201, 202, 203.--Stiles, C. W.; & Hassall, A., 1898a, 83, 97, 98 (type: Distoma crassicolle Dujardin, 1845) (syn.: Distoma (Brachycoelium), Brachycaecum).--Stossich, M., (1892a), 12; 1899b, 7.--Travassos, L. P., 1921f, 60, 61.--Ward, H. B., 1901b, 175.

1845: Distoma (Brachycoelium) Dujardin, F., 1845a, 383, 388, 402 (tld: crassicolle).

1888: Brachycelium Monticelli, 1888a, 38, misprint.

1896: Brachycaecum Railliet, A., 1896d, 160, Brachycoelium [not Brachycoelus] renamed.

species near B. salamandrae Fantham, H. B.; & Porter, A., 1948a, 624, 626, pl. 3, fig. 10 (Rana clamitans; Quebec).

species Giard, A., 1897d, 956-957 (Donax trunculus, Tellina fabula, T. tenuis, T. solidula, T. baltica).--Kudo, R., 1924a, 43, 102.

species Harwood, P. D., 1932b, 11, 66 (Opheodrys aestivus; intestine; Texas).

species Leger, L., 1897h, 957-958.--Kudo, R., 1924a, 43, 102.

species Nishikawa, T., 1907a, 47 (in pearl production).

species Rankin, J. S., 1938b, 363 (Ambystoma maculatum; Durham, North Carolina).

species Rankin, J. S., 1938b, 363 (Plethodon metcalfi; Linville, North Carolina).

species Rankin, J. S.; 1938b, 363 (Plethodon cinereus; Linville, North Carolina).

species Rankin, J. S., 1938b, 363 (Triturus v. viridescens; Amherst, Massachusetts).

species Rankin, J. S., 1938b, 363 (Triturus v. viridescens; Lake Powhatan, near Asheville, North Carolina).

species Rankin, J. S., 1938b, 363-364, 365, figs. 9-10 (Pseudacris brimleyi; Washington, North Carolina).

species Rankin, J. S., 1938b, 364 (Ambystoma opacum, Durham, North Carolina).

species Rankin, J. S., 1938b, 364, 365, figs. 11-14 (Desmognathus f. fuscus; Paradise Ridge, Nashville, Tennessee).

species Rankin, J. S., 1938b, 364, 365, 366, figs. 15-16 (Plethodon glutinosus; Paradise Ridge, Nashville, Tennessee).

species Rankin, J. S., 1938b, 364, 365, 366 (Plethodon glutinosus, North Carolina).

species Rankin, J. S., 1938b, 364, 365, 366, figs. 19-21 (Pseudotriton r. ruber; Durham, North Carolina).

species Rankin, J. S., 1938b, 364, 365, 366, figs. 22-23 (Rana palustris; Washington, North Carolina).

species Rankin, J. S., 1938b, 366 (Hemidactylium scutatum; Michigan).

crassicolle (Rudolphi, 1809) Looss, A., 1899b, 611, 612; 1902m, 768, 769, 772, 774, 775, 813, 814, 815, 816, 818, 821, 822, 823, 832, 835.--Braun, M. G. C. C.; & Luehe, M. F. L., 1909a, 119, fig. 52; 1910a, 130, 131, fig. 52.--Byrd, E. E., 1937a, 185, 195, 197.--Cohn, L., 1903a, 42.--Dollfus, R. P. F., 1929d, 91.--Harvey, E. B., 1920a, 33.--Luehe, M. F. L., 1900aa, 562.--Makino, S., 1939a, 1042.--Odhner, T., 1910d, 66, 87, 90, 91-94, fig. 9, 10a, (Salamandra maculosa; North Africa).--Rankin, J. S., 1938b, 362.--Stafford, J., 1903a, 827, 828; 1905a, 693.--Yamaguti, S., 1958a, 399 (as syn. of B. salamandrae).

daviesi Harwood, P. D., 1932b, 12-14, 65, pl. 1, fig. 5 (Leiolopisma laterale, Pseudacris triseriata, ?Hyla cinerea, ?Ambystoma microstomum; intestine; Texas); 1936a, 694, 695, 696, 697.--Byrd, E. E., 1937c, 191, 194, 195, 196, 198, pl. 9, fig. 4 (Leiolopisma laterale; New Orleans & Pearl River, Louisiana).--Cheng, T. C., 1958a, 72-73, 79.--Rankin, J., 1937b, 239 (as syn. of B. hospitale); 1938b, 359, 362, 364, 365, 366, 370, figs. 17-18 (as syn. of B. salamandrae).

dorsale Byrd, E. E., 1937c, 191-193, 195, 196, 198, pl. 9, fig. 2 (Ambystoma opacum; small intestine; Pear River, Louisiana).--Cheng, T. C., 1958c, 71-72, 80 (as syn. of B. storeriae).--Rankin, J. S., 1938b, 359, 362, 371-372 (as syn. of B. salamandrae).

elongatum Cheng, T. C., 1958c, 77, 78, 79, pl. 3, figs. 1, 4 (Desmognathus phoca, D. quadrimaculatus, Plethodon glutinosus; intestine; Mountain Lake, Giles County, Virginia).

georgianum Byrd, E. E., 1937c, 187-189, 195, 197, pl. 8, fig. 4 (Rana sphenocephala; small intestine; Athens, Georgia).--Cheng, T. C., 1958c, 76, 79.--Rankin, J. S. 1938b, 359, 362, 371.

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hospitale (Stafford, 1900) Looss, A., 1902m, 822.--Brandt, B. B., 1936a, 503, 504, 506, 507, 515 (Rana sphenocephala, Bufo fowleri, Pseudacris brimleyi, Hyla crucifer; intestine; North Carolina).--Brumpt, E. J. A., 1922f, 336; 1927e, 428.—Byrd, E. E., 1937b, 78-79 (Ophisaurus ventralis; duodenum; Kissimmee, Florida); 1937c, 185, 195, 197, pl. 8, fig. 1 (Ambystoma opacum; intestine; Plethodon glutinosus; duodenum; both from Pearl River, Louisiana).--Cort, W. W., 1915b, 198, 199, fig. 1 (Diemictylus viridescens; intestines; Douglas Lake); 1919c, 296.—Harwood, P. D., 1932b, 10, 12, 65.--Holl, F. J., 1928c, 181.--Kelley, R. S., 1934a, 207, 209 (Triturus v. viridescens; Pennsylvania).--Manter, H. W., 1938a, 27, 29, 36, fig. 1 (Rana sphenocephala, R. aesopus, Bufo terrestris; intestine; Florida).--Mueller, J. F., 1932a, 266 (Triturus viridescens).--Odhner, T., 1910d, 93 (Rana virescens; Florida).--Parker, M. V., 1914a, 38, (Rana sphenocephala; small intestine; Kissimmee, Florida).--Rankin, J., 1937c, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 202, 203, 213, 239-240, 248, 250, 258 (syn.: B. obesum, B. daviesi, B. meridionalis, B. storeriae, B. trituri) (Ambystoma maculatum, A. opacum, Desmognathus f. fuscus, D. ochrophaeus carolinensis, D. phoca, D. quadramaculatus, Eurycea bislineata cirrigera, E. b. wilderae, E. gutto-lineata, Plethodon cinereus, P. glutinosus, P. metcalfi, P. yonahlossee, Pseudotriton r. ruber, Triturus v. viridescens; intestine; North Carolina, Triturus meridionalis, Ambystoma texanum); 1938b, 362, 363, 364, 365, 366, 367-368, 369, figs. 4-8 (as syn. of B. salamandrae).--Russell, C. M., 1951a, 216, 217, 218, 219 (Triturus v. viridescens; duodenum, Charlottesville, Virginia).—Stafford, J., 1903a, 824-828, figs. 4-5; 1905a, 682 (Diemyctylus viridescens, Plethodon erythronotus; intestine; Canada).—Travassos, L. P., 1921f, 61.--Ward, H. B., 1918a, 400.

laterale Rankin, J. S., 1938b, 359 [lapsus for B. ovale].

lorum (Dujardin, 1845) Galli-Valerio, B., 1932a, 133 (Talpa europaea; intestine; Rochers de Naye).

louisianae Byrd, E. E., 1937c, 193-194, 195, 196, 198, pl. 9, fig. 3 (Ambystoma opacum; small intestine; Pearl River, Louisiana). Cheng, T. C., 1958a, 76, 79.--Parker, M. V., 1941a, 39 (Rana catesbeinana; small intestine; Athens, Georgia).—Rankin, J. S., 1938b, 359, 362, 372 (as syn. of B. salamandrae).

luteum (van Beneden, E., 1870) Giard, A., 1897c, 955; 1897d, 956, 957.—Caullery, M.; & Chappellier, A., 1906a, 325.--Dollfus, R. P. F., 1925c, 57; [1937c], 501.—Lebour, M. V., 1905a, 104.--Palombi, A., 1930a, 142 (=Diphterostomum betencourti).--Travassos, L. P., 1921f, 61.

lynchi Ingles, L. G., 1936a, 74, 75, 82-83, pl. 16, fig. 6 (Rana aurora; intestine; Mt. Shasta City, California).--Byrd, E. E., 1937c, 191, 195, 197.--Manter, H. W., 1938a, 28 (? to Lecithodendrium).--Rankin, J. S., 1938b, 362, 370, 372 (as syn. of Lecithodendrium lynchi).

maculosum (Rudolphi, 1802) Galli-Valerio, B., 1932a, 131, 132 (Hirundo rustica; nest; Chamblandes, Vaud, Cypselus apus; Lausanne); 1933a, 424.

meridionalis Harwood, P. D., 1932b, 11-12, 14, 65, pl. 1, fig. 4 (Triturus meridionalis; upper intestine; Houston, Texas).--Byrd, E. E., 1937b, 194-195, 196, 198, pl. 9, fig. 5 (sp. inq.).--Cheng, T. C., 1958a, 73, 80.--Parker, M. V., 1941a, 39 (Desmognathus f. fuscus, Plethodon glutinosus; small intestine; Georgia).--Rankin, J. S., 1937b, 239 (as syn. of B. hospitale); 1938b, 359, 362, 367, 369-370 (as syn. of B. salamandrae).

mesorchium Byrd, E. E., 1937b, 185-187, 195, 197, pl. 8, figs. 2-3 (Desmognathus f. fuscus; small intestine; Athens, Georgia).--Cheng, T. C., 1958a, 74, 79.--Parker, M. V., 1941a, 39.--Rankin, J. S., 1938b, 359, 362, 370-371 (as syn. of B. salamandrae).

mesostomum (Rudolphi, 1803) Galli-Valerio, B., 1932a, 131 (Turdus iliacus; intestine; Lausanne).

obesum Nicoll, W., 1914f, 147-148, pl. 3, fig. 8 (Contia aestiva; intestine; London Zoo).--Byrd, E. E., 1937b, 189, 195, 197.--Cheng, T. C., 1958a, 71, 79 (syn.: Brachycoelium ovale); 1960a, 464-474, pls. 1-2, figs. 1-20 (Plethodon cinereus; small intestine; Mountain Lakes Biological Station; Zonatoides ligerus; body cavity, Triturus viridescens (exper.), Agriolimax agrestris; hepatopancreas (exper.)).--Harwood, P. D., 1932b, 11.--Parker, M. V., 1941a, 38 (Desmognathus f. fuscus, Plethodon glutinosus, Eurycea bislineata cirrigera; small intestine; Georgia).--Rankin, J. S., 1937b, 239 (as syn. of B. hospitale); 1938b, 358, 362, 369 (as syn. of B. salamandrae).

ovale Byrd, E. E., 1937b, 189-190, 195, 197, pl. 9, fig. 1 (Leioplopisma laterale; small intestine; New Orleans, Pearl River, Louisiana & Calhoun Falls, South Carolina).--Cheng, T. C., 1958a, 71, 79 (syn.: B. ovale Byrd, 1937).—Parker, M. V., 1941a, 39 (Plethodon glutinosus, Desmognathus f. fuscus; small intestine; Rome, Georgia).--Rankin, J. S., 1938b, 359 (B. ovale [lapsus]), 362, 371 (as syn. of B. salamandrae).

retusum (Dujardin, 1845) Hall, M. C.,

1929b, 23, 60(Rana esculenta, R. halecina, Phryganea grandis).

salamandrae (Froelich, 1789) Luehe, M. F. L., 1909b, 119-120, fig. 91 (Salamandra maculosa, S. atra, Molge cristata, M. alpestris, M. vulgaris, Bufo vulgaris, Anguis fragilis).--André, E. H., 1912c, 478, 479, 483-484; 1917a, 175(Salamandra maculosa, Bufo vulgaris, Triton palmatus; intestine).--Baylis, H. A., 1928g, 330 (Anguis fragilis; Devon, England).--Bittner, H.; & Sprehn, C. E. W., 1928a, 12-13.--Britt, H. G., 1947a, 280.--Callot, J., 1946a, 200 (Molge alpestris; Vosges, Anguis fragilis; intestine; Alsace).--Cheng, T. C., 1958a, 69, 70, 79, pl. 1, fig. 1.--Cort, W. W., 1919c, 294, 296, 297.--Dollfus, R. P. F., 1930b, 145 (syn.: Distomum endolobum Dujardin of Kampmann, 1894).--Fischthal, J. H., 1955b, 46 (Plethodon cinereus, Eurycea bislineata, Desmognathus fuscus; small intestine; Pike County, Pennsylvania); 1955a, 177, 181, 182 (Triturus v. viridescens, Plethodon c. cinereus, P. g. glutinosus, Gyrinophilus p. porphyriticus, Eurycea b. bislineata, Desmognathus f. fuscus; small intestine; south-central New York).--Fuhrmann, O., 1928b, 116(Salamandra maculosa).--Grabda, E.; & Siwak-Grabda, J., [1954a], 215 (Salamandra salamandra; Poland); 1955, 244-245.--Harvey, E. B., 1920a, 33 (chromosome numbers).--Hughes, R. C; Higginbotham, J. W.; & Clary, J. W., 1941a, 36, 37, 39; 1942a, 111 (Anguis fragilis, Leiolopisma unicolor, Opheodrys aestivus, Ophisaurus ventralis, Storeria dekayi).--Isaichikov, I. M., 1926b, 116, 140, 148.--von Kemnitz, G. A., 1913a, 470-506.--Lehmann, D. L., 1954a, 231 (Triturus granulosus, Ensatina eschscholtzii oreganus; intestine; Oregon).--López-Neyra, C. R., 1941a, 347-349, fig. 12 (Salamandra maculosa; intestine, Riofrío).--Makino, S., 1939a, 1042, 1043.--Mehra, H. R.; & Negi, P. S., 1926a, 169, 177.--Najarian, H. H., 1955c, 195, 196 (Acris gryllus, Rana sylvatica; small intestine; vicinity of Ann Arbor, Michigan).--Odening, K., 1959d, 445-446, fig. 2.--Rankin, J. S. 1938b, 367, 368, 369, 370, 371, 372 (syn.: B. hospitale, B. obesum, B. trituri, B. storeriae, B. meridionalis, B. daviesi, B. mesorchium, B. georgianium, B. ovale, B. dorsale, B. louisianae); 1945a, 143, 144, 147, 148 (Ambystoma jeffersonianum, A. maculatum, Desmognathus f. fuscus, Eurycea b. bislineata, Plethodon cinereus, Triturus v. viridescens, Rana palustris; intestine; Massachusetts).--Rausch, R. L., 1947b, 437, 438(Terrapene carolina; intestine; Ohio).--Stunkard, H. W., 1923f, 214.--Travassos, L. P., 1921f, 61.--Walton, A. C., 1946e, 19(Pseudacris brimleyi=P. occidentialis, P. nigrita triseriata; U. S. A.); 1946j, 592, 593 (Hyla cinerea; U. S. A., H. crucifer= H. pickeringii, U. S. A. & Canada); 1947a, 26(Rana aesopus; U. S. A.); 1949, 39(Rana temporaria; Europe); 1954c, 45(Ensatina eschscholtzii oreganus, Triturus granulosus; U. S. A., T. palmatus; Europe).

somateriae (Levinsen, 1881) Giard, A., 1904b, 49.

storeriae Harwood, P. D., 1932b, 10-11, 14, 66, pl. 1, fig. 3(Storeria dekayi; intestine; Houston, Texas).--Bennett, H. J., 1938c, 179 (Amphiuma tridactylum; Desmognathus fuscae auriculatus; small intestine; Louisiana).--Byrd, E. E., 1937b, 191, 195, 196, 198.--Cheng, T. C., 1958a, 71-72, 80 (syn.: B. dorsale).--Parker, M. V., 1941a, 38-39 (Ambystoma opacum; small intestine; Reelfoot Lake, Tennessee, Pseudotriton r. ruber, Opheodrys aestivus; small intestine; Athens, Georgia).--Rankin, J. S., 1937b, 239(as syn. of B. hospitale); 1938b, 359, 362, 369(as syn. of B. salamandrae).

trituri Holl, F. J., 1928c, 180-181, figs. 7-9 (Triturus viridescens; intestine; North Carolina); 1932a, 89, 94.--Byrd, E. E., 1937b, 190-191, 195, 197, pl. 8, figs. 5-7 (Rana sphenocephala; Pseudacris occidentalis; small intestine, Louisiana, Desmognathus f. fuscus; small intestine; Georgia).--Cheng, T. C., 1958a, 73-74.--Harwood, P. D., 1932b, 12, 14.--Kelley, R. S., 1934a, 207(Triturus v. viridescens; Massachusetts & Ohio).--Manter, H. W., 1938a, 28 (Triturus meridionalis; Louisiana).--Mueller, J. F., 1932a, 266.--Rankin, J. S., 1937b, 239(as syn. of B. hospitale); 1938b, 359, 362, 369(as syn. of B. salamandrae).

BRACHYDISTOMUM Travassos, L., 1944a, vi, 17, 20, 224 (tod: B. microscelis (Yamaguti, 1913).--Jaiswal, G. P., 1957a, 16, 17, 29 (reduced to subgeneric rank in genus Lyperosomum).

microscelis (Yamaguti, 1933) Travassos, L., 1944a, vi, 20, 224-225, 295, 302, pl. 98, fig. 2(Hypsipetes amaurotis, Milvus l. lineatus; Japan).

olssoni (Railliet, 1900) Yamaguti, S., 1958a, 753(syn.: Distomum clathratum Deslongchamps of Mühling, 1898, Olssoniella olssoni of Travassos, 1944).

salebrosum (Braun, 1901) Travassos, L., 1944a, vi, 20, 225-226, 298, pl. 98, fig. 3. (Micropus melba; Europe).

salebrosum luscinii Oshmarin, P. G. in Skrjabin, K. I.; & Evranova, V. G., [1953a], 114, fig. 34(Luscinia calliope; liver; Primorskii Krai).

BRACYENTERON Manter, H. W., 1934c, 258, 284, 285-286(tod: B. peristedioni).

acropomatis Yamaguti, S., 1938c, 2, 94-95, fig. 52 (Acropoma japonicum; small intestine; Kôti).

döderleiniae Yamaguti, S., 1938c, 2, 93-94, fig. 51(Döderleinia berycoides; small intestine, Fistularia petimba; stomach, both from Nagasaki).

parexocoeti Manter, H. W., 1947a, 317, 374, 385, fig. 75 (Parexocoetus mesogaster; intestine; Tortugas, Florida).

peristedioni Manter, H. W., 1934c, 258, 284-285, 340, pl. 5, figs. 30-32 (tod)(Peristedion platycephalum; intestine; Tortugas, Florida); 1947a, 317.

BRACHYLACITUM Matevosian, E. M., 1951a, 194[? lapsus for Brachylecithum].

platynosomoides Matevosian, E. M., 1951a, 194[? lapsus for Brachylecithum platynosomoides Potekhina, 1948].

BRACHYLAEMA Yamaguti, S., 1958a, 907.

andersoni (Cobbold, 1896) Yamaguti, S., 1958a, 907(Platanista gangetica; India).

aristotelis (Stossich, 1896) Yamaguti, S., 1958a, 907(Rhinolophus hippocrepis, Vespertilio murinus, V. dasycneme, V. daubentonii, V. emarginatus, V. mystacinus, Nannugo pipistrellus).

caudatum (Linstow, 1873) Yamaguti, S., 1958a, 908(Erinaceus europaeus; Europe, Helicella obvia; Bulgaria).

condylura (Odlaug, 1952) Yamaguti, S., 1958a, 908.

corrugata (Dujardin, 1845) Yamaguti, S., 1958a, 908.

dasyuri (Johnston, 1913) Yamaguti, S., 1958a, 908.

dolichodira (Mason, 1953) Yamaguti, S., 1958a, 908.

dujardini (Baer, 1928) Yamaguti, S., 1958a, 908 (? syn. of B. corrugatus).

erinacei (Blanchard, 1847) Yamaguti, S., 1958a, 908.

exasperata (Rudolphi, 1819) Yamaguti, S., 1958a, 908 (Sorex eremita).

helicis pomatiae (Diesing, 1850) Yamaguti, S., 1958a, 908.

oesophagei (Shaldybin, 1954) Yamaguti, S., 1958a, 908.

opisthotrias (Lutz, 1895) Yamaguti, S., 1958a, 908.

peromysci (Reynolds, 1938) Yamaguti, S., 1958a, 908.

rauschi (McIntosh, 1950) Yamaguti, S., 1958a, 908.

recurva (Dujardin, 1845) Yamaguti, S., 1958a, 908.

similis (Johnston, 1913) Yamaguti, S., 1958a, 908.

spinulosa (Hofmann, 1899) Yamaguti, S., 1958a, 908.

suis (Balozet, 1936) Yamaguti, S., 1958a, 909.

virginiana (Dickerson, 1930) Yamaguti, S., 1958a, 909.

BRACHYLAEMIDAE Joyeux, C. E.; & Foley, H., 1930a, 358.--Allison, L. N., 1943a, 163-164 (emend.) (syn.: Harmostomidae Odhner, 1912).--Bykhovskaia-Pavlovskaia, I. E., 1957b, 172.--Chen, H.-T., 1956b, 104.--Dollfus, R. P. F., 1931e, 492-493; 1934c, 552-553 (includes Brachylaeminae, Hasstilesiinae).--Ginetsinskaia, T. A., 1959a, 73.--Gower, W. C., 1939a, 582, 592.--Grossman-Pojmańska, T., 1959, 343-369.--Joyeux, C. E.; Baer, J. G.; & Timon-David, J., 1934a, 386 (syn.: Harmostomidae).--López-Neyra, C. R., 1914a, 373.--Skrjabin, K. I., 1948b, 167-336, 591-597 (includes Moreauinae, Brachylaeminae, Hasstilesiinae, Leucochloridiinae).--Woodhead, A. E., 1950a, 28.

species (unencysted brachylaemid: metacercariae) Foster, R., 1958a, 267, pl. 10, figs. 2-3(Milax sowerbii; Agriolimax reticulatus; kidney); 1958b, 303-311.

species Robinson, E. J., 1949a, 32 (Anguispira alternata; digestive gland; Polygyra thyroidus, Peromyscus leucopus; pericardium; white mouse).

species Travassos, L., [1946b], 496, 497 (Tinamus solitarius, Crax blumenbachii, Odontophorus c. capueira; Brasil).

species (brachylaemid metacercaria) Ulmer, M. J., 1950b, 28 (Anguispira alternata).

BRACHYLAEMINAE Joyeux, C. E.; & Foley, H., 1930a, 358.--Allison, L. E., 1943a, 163 (emend.).--Dollfus, R. P. F., 1934c, 553(=Heterolopinae Looss, 1899-Harmostominae Looss, 1900)(includes: Brachylaemus, Entosiphonus, Glaphyrostomum, Ityogonimus, Scaphiostomum, Ectosiphonus).--Joyeux, C. E.; Baer, J. G.; & Timon-David, J., 1934a, 386 (syn.: Harmostominae).--Ulmer, M. J., 1951a, 189-238.

species Dollfus, R. P. F., 1935a, 185, 186, 187 (Helicella (Candidula) unifasciata=Xerophila candidula; Gösselborn, Theba cemenelea=Helix carthusiana, Helicella (Xerophila) profuga; Reggio-Emilia, Helicella (Xerophila) vestalis; Jaffa, Palestine, Zebrina detrita=Helix radiata; Serfaus, Tyrol).

species (metacercaire) ? Dollfus, R. P. F., 1935a, 188, 454 (Abida frumentum var. triticea=Pupa triticea=P. frumentum var. illyrca=Abida illyrica; Bologne).

BRACHYLAEMUS Blanchard, E., 1847a, 295-302 (for Brachylaimus).--Adam, W.; & Leloup, E., 1934a, 6.--Balozet, L., 1936c, 99 (spelled Brehylaemus).--Diesing, K. M., 1850a, 331.--Dollfus, R. P. F., 1934c, 551-575(syn.: Heterolope, Harmostomum); 1935f, 52-79.--Joyeux, C. E.; Baer, J. G.; & Timon-David, J., 1932a, 465; 1932b, 972-973; 1934a, 385-418.--Joyeux, C. E.; & Foley, H., 1930a, 358.--Kruidenier, F. J.; & Gallicchio, V., 1959a, 429-430 (as syn. of Brachylaime Dujardin, 1843).--López-Neyra, C. R., 1941a, 374.--San-

dars, D. F., 1957b, 265-272.--Zarnowski, E., 1960a, 136-137 (key) (syn.:Brachylaima Dujardin, 1843; Heterolope Looss, 1899, Harmostomum Braun, 1899).

species Alicata, J. E., 1936e, 82(chicken; Hawaii).

species Alicata, J. E., 1938f, 94 (poultry; Hawaii).

species Boyd, E. M., 1951b, 65, 66, 72, 82, fig. 8 (Sturnus vulgaris; intestine; North America).

species Chalaux, J., 1935a, 53-57 (sporocysts in Helix aspersa; Finistère).

species Cragg, J. B.; Foster, R.; & Vincent, M., [1958a], 396-403, figs. 1-5(Milax sowerbii, Agriolimax reticulatus, Arion lusitanicus; kidney tissues; Durham City, England).

species Delianova, R.S., 1957a, 66 (distribution in SSSR).

species Delianova, R.S., 1958a, 52-53, fig. 4(dog; Uzbekistan).

species (metacercaria) Dollfus, R. P. F., 1934c, 570-572, fig. 10 (Helicella ericetorum; viscera; Achères, Seine-et-Oise).

species Dollfus, R.P.F., 1934c, 572 (Helicella millepunctata; Kerman, Persia).

species Dollfus, R. P. F., 1935a, 178, 179, 183(Arion rufus=A. empiricorum, Agriolimax agrestis; Rennes; Euparypha pisana; Alger, Oropesa, Castille, Helix(Cryptomphalus)aspersa; Turin, St.-Denis-Laval (Rhône), Helicella ericetorum = Helix itala (Achères, Seine-et-Oise), Helicilla (Xerophila) chioidae; Marché de Tunis).

species Dollfus, R.P.F., 1935f, 56, 59, 64, 67(syn.: Harmostomum(H.)fuscatum Rudolphi of Semenov, 1927) (Columba palumbus; Smolensk, Crex crex, Smolensk, Briansk).

species Dollfus, R. P. F., 1935f, 64 (syn.: B.[?spinosulus(Hofmann)] of Krull, 1933 (Didelphys virginiana; Beltsville, Maryland).

species Dollfus, R. P. F., 1935f, 64 (syn.: Harmostomum sp. Dikmans, 1931) (Didelphys virginiana; Jeanerette, Louisiana).

species Dollfus, R. P. F., 1935f, 66 (syn.: Distomum commutatum of Stafseth & Kotlan, 1925)(Bonasa u. umbellus; Michigan).

species Dollfus, R. P. F., 1935f, 67 (syn.: Harmostomum commutatum Dieşing of Joyeux, 1923) (Columba livia domest.; Tunis).

species Dollfus, R. P. F., 1935f, 67 (syn.: Dist. (Brachyl.) mesostomum Rudolphi, 1803 of Stossich, 1896) (Columba livia domest.; Trieste).

species Dollfus, R. P. F., 1935f, 67 (syn.: Mesogonimus commutatus (Sonsino) of Barbagallo, 1906)(Columba livia domest.; Catane).

species Dollfus, R. P. F., 1935a, 446(Harmostomum sp. Joyeux, 1930, p. 8) (Hyalinia cellaria; Villers-sur-Mer).

species Dollfus, R. P. F., 1950f, 284-286, fig. 1(Lacerta lepida(=L. ocellata); intestine; Banyuls-sur-Mer).

species Dollfus, R. P. F.; Callot, J.; & Desportes, C., 1935b, 13, figs. 1-3(Arion rufus; Richelieu, Indre-et-Loire, France).

species Dollfus, R. P. F.; Callot, J.; & Desportes, C., 1935b, 15, 16, fig. 4(Strix aluco (exper.)).

species Dollfus, R. P. F.; Callot, J.; & Desportes, C., 1935b, 16, 17, 18, figs. 5-6 (Tyto alba (exper.)).

species Gnedina, M. P.; & Potekhina, L. F., 1950a, 79-81, fig. 1(Columbia livia; intestine; Kirgizia).

species Lk., 1938a, 231(Schwein).

species McIntosh, A.; & McIntosh, G., 1935b, 431 (Sphyrapicus varius; Washington, D.C.).

species (Oshmarin, 1946) Kasimov, G.B., 1956c, 49(Tetrastes bonasia; Buriat-Mongol'skaia ASSR).

species Owen, R. W., 1951a, 107, 113(Gallus g. dom.; Mid Wales).

species (metacercaria) Pojmańska, T., 1958a, 627, 628(Succinea putris, Perforatella bidens).

species Sandground, J. H., 1938e, 40-42, fig. 4 (Solenodon paradoxus; Republic of San Domingo).

species Shtrom, Z. K., 1940a, 212, 215, 216, figs. 32-33 (Turdus viscivorus bonapartei; Kirghisia).

species Simón Vicente, F., 1955b, 607-610, figs. 1-3 (Limax, Helix, white mice (exper.), domestic sparrow(exper.).

species (of Sinitsin, 1931) Dollfus, R. P. F., 1934c, 572 (Polygyra thyroides; Washington, D.C., Virginia).

species Timon-David, J., 1954a, 708-710 (Cyclostoma elegans; Provence).

species Timon-David, J., 1955d, 470-471, 472, 473, 474, fig. 15 (Larus argentatus michaellis; Riou Island, France).

species Timon-David, J., 1959a, 271-287, figs. 1-9 (souris, pigeon (exper.)).

species Tubangui, M. A., 1947a, 244(syn. Harmostomum sp. Tubangui, 1928) (Dasylophus superciliosus; Luzon).--Dollfus, R.P.F., 1935f, 68.

species Żarnowski, E., 1956a, 239.

species Zdárská, Z., 1960b, 356, 375, 377 (Succinea putris, Helicella candicans; Czechoslovakia).

advena (Dujardin, 1843) Dollfus, R. P. F., 1934c, 552, 560, 561, 562, 563, 567 (=migrans Dujardin, 1845)(Crocidura russula, C. leucodon; Rennes); 1935f, 53, 61, 63(syn.: Distoma(Br.)migrans Dujardin, Harmostomum (H.) migrans Dujardin of Baer, 1928, B. migrans Dujardin of Baer, 1932)

(Eliomys quercinus (=Myoxus nitela); Rennes, Crocidura russula=Sorex araneus; Rennes, Paris, Vessy près Genève, Crocidura leucodon; Rennes, Sorex araneus incl. S. tetragonurus; Oxford, Mus rattus, M. decumanus; Rennes).

aequalis (Dujardin, 1845) Dollfus, R. P. F.; Callot, J.; & Desportes, C., 1935b, 15, 18, 19 (Tyto alba=Strix flammea (exper.)). --Dollfus, R. P. F., 1935f, 60.

aequans (Looss, 1899) Skrjabin, K. I., 1948b, 171, 172, 175-176, 177, fig. 58 (Gerbillus aegyptius; Egypt). --Tokobaev, M. M., 1956a, 146 (Rattus turkestanicus; Kirgizia); 1959a, 135 (Apodemus sylvaticus, Dyromys nitedula; Kirgizia).

annamensis (Railliet, 1925) Dollfus, R. P. F., 1934c, 574. --da Fonseca, F. O. R., [1939a], 200, 206.

arcuatus (Dujardin, 1845) Dollfus, R. P. F., 1934c, 552, 554-559, figs. 1-3 (Garrulus glandarius, Turdus philomelos (=T. musicus); intestine; Richelieu (Indre-et-Loire) 1935f, 68, 69, 70 (syn.: Br. (Br.) migrans Dujardin, 1845, Harmostomum (H.) mesostomum (Rudolphi) of Witenberg, 1925; "Brachylaime du geai" Dujardin, 1843) (Turdus pilaris; Novocherkassk, Kalinin district, White Russia). --Dollfus, R. P. F.; Callot, J.; & Desportes, C., 1935b, 18, 19. --Joyeux, C. E.; Baer, J. G.; & Timon-David, J., 1934a, 400. --Lopez-Neyra, C. R., 1941a, 376, fig. 25 (Turdus musicus; small intestine; Granada). --Macko, J. K., 1957a, 514, 515, 516, fig. 4 (Garrulus glandarius; Slovakia). --Shtrom, Z. K., 1940a, 212, 214, 215, 216, 224, fig. 34 (Garrulus glandarius, Pica p. bactriana; Kirgisia).

attenuatus Baer, J. G., 1933a, 31, 36, 38-40, figs. 1-2 (Turacus livingstonei; Southern Rhodesia). --Dollfus, R. P. F., 1935f, 57, 68. --Joyeux, C. E.; Baer, J. G.; & Timon-David, J., 1934a, 399-400. --Rysavý, B., 1960b, 199-200, fig. 2 (Oenanthe leucopyga; intestine; Albania).

brauni Kagan, I. G., 1952, 269, 296 (n. n. for Harmostomum caudale of Diesing).

caryocatactis (Zeder, 1800) Dollfus, R. P. F., 1935f, 58, 69 (syn.: Distoma caryocatactis, Harmostomum caudale) (Graculus graculus=Pyrrhocorax alpinus, Nucifraga caryocatactes).

caudatum (Linstow, 1873) Dollfus, R. P. F., 1938f, 28-32, figs. A-B (Helicella obvia; kidney; Tirnovo, Bulgaria).

centrodes (Braun, 1901) Dollfus, R. P. F., 1935f, 55, 64, 65 (Crypturus obsoletus, C. variegatus, Nothura maculosa, Tinamus carbonarius, Tinamus sp.; Brazil). --da Fonseca, F. O. R., [1939a], 199, 205.

columbae (Mazzanti, 1889) Dollfus, R. P. F., 1934c, 574, fig. 11; 1935f, 56, 57 (sp. inq.) (Columba livia; Pisa).

commutatus (Diesing, 1858) Baer, J. G., 1933a, 38 (Centropus monachus; Dahomey). --Dollfus, R. P. F., 1934c, 573, 574; 1935f, 57, 65, 66, 67 (syn.: Distoma commutatum Diesing of Sonsino, 1889, Mesogonimus dimorphus W. of Galli-Valerio, 1901, Harmostoma (P.) commutatum (Diesing) of Joyeux & Baer, 1928, Mesogonimus commutatus Diesing of Sonsino, 1891, of Galli-Valerio, 1894, of Barbagallo, 1906) (Gallus g. domesticus; Italy, Meleagris gallopavo; Pisa, Catania, Centropus monachus; Labé, Guinée). --da Fonseca, F. O. R., [1939a], 200, 206 (Meleagris gallopavo; Hawaii, Numida meleagris; Tunis). --Gregoire, C., 1950a, 703-704 (gallinaceous birds; Belgian Congo). --Hutson, L. R., 1939a, 108 (poultry; Antigua, B. W. I.). --Joyeux, C. E.; Baer, J. G.; & Timon-David, J., 1934a, 398-399. --Miller, M. J., 1937b, 91, 100. --Wadowski, S., 1939a, 118-119, 134, 135 (turkey-cocks, hen, pigeon; Poland).

commutatus annamensis (Railliet, 1925) Dollfus, R. P. F., 1935f, 66 (Gallus g. domesticus; Hué, Annam). --Sprehn, C. E. W., & Maskar, U., [1937a], 440-441.

commutatus commutatus (Diesing, 1858) Dollfus, R. P. F., 1935f, 65 (syn.: Distoma dimorphum Diesing of Wagener, 1852). --Sprehn, C. E. W.; & Maskar, U., [1937a], 440-441.

commutatus gallinus (Witenberg, 1923) Dollfus, R. P. F., 1935f, 55, 65, 66 (syn.: Harmostomum commutatum Diesing of Joyeux, 1923; H. (Postharmostomum) commutatum (Diesing) of Joyeux & Houdemer, 1928, Postharmostomum gallinum Witenberg, H. (P.) gallinum Witenberg, Harmostomum sp. Horizawa, 1914, Harmostomum horizawai Ozaki, H. (P.) hawaiiensis Guberlet) (Gallus g. domesticus; Mahdia et Tunis, Turkestan, Meleagris gallopavo, Numida meleagris). --Sprehn, C. E. W.; & Maskar, U., [1937a], 169-172. --Da Fonseca, F. O. R., [1939a], 201, 206.

commutatus horizawai (Ozaki, 1925) Dollfus, R. P. F., 1935a, 179, 181 (Incilaris bilineata = Philomycus bilineatus, Eulota (Euhadra) peliomphala, E. (Acusta) sieboldi var. minor; Japon).

corrugatus (Dujardin, 1845) Dollfus, R. P. F., 1934c, 562, 563, 567 (Sorex araneus; Rennes); 1935f, 61 (syn.: Distoma (Br.) corrugatum, Brachylaemus n. sp. Dujardin, 1843).

cylindraceum (Zeder, 1800) Blanchard, E., 1847a, 295-298, pl. 12, fig. 2. --Baird, W., 1853a, 51. --Diesing, K. M., 1850a, 368 (to Distoma). --Looss, A., 1894a, 64 (to Distoma); 1899b, 600 (type of Haplometra).

dasyuri (Johnston, 1913) Dollfus, R. P. F., 1935f, 54, 63 (syn.: Harmostomum dasyuri) (Dasyurus viverrinus; Sidney, New South Wales). --Mackerras, M. J., 1958b, 105.

107(Dasyurus quoll;Australis).--Sandars, D. F., 1957b, 265-267, 268, 269, 270, 271, fig. 1(Thylacis obesulus;Queensland).

dujardini (Baer, 1928) Dollfus, R. P. F., 1934c, 563, 564, 567(Sorex araneus tetragonurus);1935a, 179(Agriolimax agrestis; Champery, Valais);1935f, 53, 61.--Baylis, H. A., 1939a, 498(Sorex araneus, S. minutus; Oxford, England).

equans da Fonseca, F., [1939a], 201, 207 [lapsus for aequans Looss, 1899].

erinacei Blanchard, E., 1847a, 300-302, pl. 9, fig. 2 (Erinaceus europaeus;Paris).--Adam, W.; & Leloup, E., 1934a, 6, 8, 15.--Diesing, K. M., 1850a, 335(renamed Distoma linguaeforme).--Dollfus, R. P. F., 1935a, 379, 380;1935f, 53, 61-62(syn.: Distoma li[n]guaeforme Diesing, 1850, D. caudatum Linstow, D. (Br.) leptostomum Olsson, Heterolope leptostoma, Mesogonimus linguaeformis Diesing, Harmostomum (H.) helicis, Harmostomum sp. Fuhrmann, 1928, Brachylaemus helicis, ? D. spinosulum)(Melas taxus;Lund, Sweden).--López-Neyra, C. R., 1941a, 374-375, fig. 24;1952d, 96.--Pozo-Lora, R., 1960a, 404(pig;Cordoba).--Simón Vicente, F., 1955a, 301, 302, 307, 312, 313, 314, 315, 317(Helicella(Xeromagna)arigonis, Agriolimax reticulatus, Passer domesticus).--Travassos, L. P., 1928c, 328.--Sprehn, C. E. W., 1932c, 354(as syn. of Harmostomum helicis).--Swierstra, D.; Jansen, J.; & van den Broek, W., 1959a, 897 (Erinaceus europaeus;Netherlands).--Witenberg, G. G., 1925c, 217, 219.

erinacei spinosulus(Hofmann, 1899)Dollfus, R. P. F., 1934c, 567-570, figs. 8-9(Erinaceus europaeus; intestine;Richelieu Indre-et-Loire);1935f, 53, 64 (?syn.: B. spinosulus)(Didelphys virginianus;Beltsville, Maryland).--Bona, F., 1952a, 233 (Helix pomatia;Torino).

fleuryi da Fonseca, F., 1939g, 114-116, fig. (domestic fowl;coecum;S. Paulo, Brazil); [1939a], 197-207.

fulvus (Dujardin, 1843) Dollfus, R. P. F., 1934c, 561, 562, 563, 564-567, figs. 5-7 (Crocidura russula; Rennes, Sorex araneus;stomach;Richelieu, Indre-et-Loire); 1935a, 377;1935f, 53, 61.--Pojmanska, T., 1959, 344, 345, 346-351, fig. 1(syn.: Brachylaemus migrans var. a Dujardin, 1845, Panopistus europaeus Sołtys, 1951, Brachylaemus oesophagei Shaldibin, 1953, Harmostomum dujardini Baer, 1928"probably")(Zonitoides nitidus, Goniodiscus rotundatus, G. ruderatus; Białowieza National Park).--Thomas, R. J., 1953a, 150, 151, 166 (Sorex araneus;Inner Hebrides).--Zarnowski, E., 1960a, 129, 137-140, 168, fig. 1(Sorex araneus;oesophagus, stomach;Pulawy, District of Lublin).

fuscatum (Rudolphi, 1819) Joyeux, C.; Baer, J. G.; & Timon-David, J., 1932a, 466; 1934a, 386-416, figs. 1-7, pl. 14, figs. 1-6(syn. B. nicolli Witenberg, 1925 of Joyeux, Baer & Timon-David, 1932)(Passer domesticus (exper.), Turdus merula (exper.), domestic pigeons(exper.), Turdus viscivorus, Coturnix communis, Columba palumbus, Corvus frugilegus, C. cornix, Helix(Euparypha)pisana (exper.), Helix(Cryptomphalus)aspersa, Helicella (Trochoidea)scitula;Marseille, Oxyphilus cellarius, ?Agriolimax agrestis;Paris).--Baylis, H. A., 1939a, 474 (Sturnus vulgaris;London, thrush, Turdus ericetorum; Cambridgeshire, Garrulus glandarius; Hampshire & Worcestershire, Columba palumbus, British Isles).--Belopol'skaia, M. M., 1954a, 28 (Turdus pallidus, Tetrastes bonasia amurensis; Sudzukhinsk preserve, Maritime Province).--Coil, W. H.; & Kuntz, R. E., 1958a, 66 (Sturnis vulgaris;Lake Emir, Turkey).--Dollfus, R. P. F., 1935a, 446, 447; 1935f, 55, 56, 67, 68, 70 (Coturnix coturnis; Ancone, Padoue, Columba palumbus;Admont, Styrie), C. livia domest., Passer domesticus, Merula merula=Turdus merula; Marseille, Corvus cornix; Lazienski, Pologne, Sturnus vulgaris; Devon, Great Britain).--Erickson, A. B.; Highby, P. R.; & Carlson, C. E., 1949a, 193, 194 (ruffed grouse; Minnesota).--Gagarin, V. G.; Ablasov, N. A.; & Chibichenko, N. T., 1957a, 114 (Streptopelia orientalis;intestine; southern Kirgiziia).--Gushanskaia, L. K., 1952b, 178, 179, fig. 2 (Phasianus colchicus; ceca; SSSR).--Gvosdev, E. V., 1955b, 56-57 (Phasianus colchicus mongolicus; intestine; Alma-Atinsk Oblast); 1956b, 65, 71 (Alectoris graeca; southeastern Kazakhstan)1958b, 125(Phasianus colchicus;Kazakhstan).--Jennings, A. R., & Soulsby, E. J. L., 1957a, 219, 220(Melanitta fusca, Cuculus canorus, Turdus ericetorum; England).--Kasimov, G. B., 1956c, 45(Coturnix coturnix, Turdus viscivorus).--Kurashvili, B. E., 1957a, 78-79, fig. 29 (Mergus albelus, Columba l. livia; Georgian SSR, Hellis pisana (intermediate).--Mamaev, I. L., 1959a, 162 (riabchik[Tetrastes bonasica]; eastern Siberia).--Markov, G. S., 1939b, 183, 209 (Sturnus vulgaris; Old Peterhof); 1940a, 743.--Mettrick, D. F., 1960e, 271(Sturnus vulgaris; Great Britain).--Miller, M. J., 1937b, 102 (domestic pigeon (exper.).--Shcherbovich, I. A., 1946a, 297 (Turtur orientalis; small intestine, Garrulus brandti;large intestine;Far East).--Sultanov, M. A., [1959b], 366 (grach [Corvus frugilegus];Uzbekistan).--Timon-David, J., 1953a, 256-258, 259-260, 285, figs. 8-10(pie[magpie]; Helicopsis arenosa; vis-

cera).

fuscatus nicolli (Witenberg, 1925) Dollfus, R. P. F., 1935a, 180, 182, 183, 187 (Helicella scitula; Marseille, Helix(Cryptomphalus)aspersa, Euparypha pisana, Oxychilus cellarius=Hyalinia cellaria; Marseille & Paris); 1954d, 603-605, 609, pl., figs. 25-26(Columba livia; Rabat).--Mettrick, D. F., 1958a, 51, 58-60, figs. 4-5 (Turdus m. merula, T. e. ericetorum, Sturnus v. vulgaris).

gallinus (Witenberg, 1923) Dollfus, R. P. F., 1934c, 573, 574.--da Fonseca, F., [1939a], 200, 206.--Joyeux, C.; Baer, J. G.; & Timon-David, J., 1934a, 398-399.

hawaiensis Dollfus, R. P. F., 1934c, 573 [for hawaiiensis Guberlet, 1928).

hawaiiensis (Guberlet, 1928) Dollfus, R. P. F., 1934c, 573.--da Fonseca, F., [1939a], 200, 201, 206 (as syn. of Brachylaemus commutatus gallinus).

helicis (Leidy, 1847) Baer, J. G., 1932b, 19(Erinaceus europaeus).--Cable, R. M., 1938a, 454(Helix arburstorum, H. hortensis, H. nemoralis, H. strigella, H. pomatia).--Dollfus, R. P. F., 1935f, 62 (as syn. of B. erinacei).--Joyeux, C.; Baer, J. G.; & Timon-David, J., 1932b, 972; 1932a, 465.--Krull, W. H., 1933r, 98, 99 (syn.: Distomum caudatum, Cercariaeum helicis).

helicis-pomatiae (Diesing, 1850) Dollfus, R. P. F., 1935a, 182(Helix(Helix)pomatia; Limal et Namur, Belgium).

horizawai (Ozaki, 1925) Dollfus, R. P. F., 1931c, 374(syn.: Harmostoma horisawai); 1934c, 573, 574.--Cable, R. M., 1938a, 455 (Euhadra peliomphala, Philomycus bilineatus.--da Fonseca, F., [1939a], 200, 201, 206(as syn. of B. commutatus gallinus).

inflatocoelum (Witenberg, 1925)Joyeux, C.; Baer, J. G.; & Timon-David, J., 1934a, 400(Corvus frugilegus, Monedula turrium; Don region).--Sultanov, M. A., [1959b], 366(galka[Colaeus monedula]; Uzbekistan).

laruei (McIntosh, 1934) da Fonseca, F., [1939a], 199, 205(Tamias striatus lysteri).

mcintoshi Harkema, R., 1939a, 277, fig. 1 (Strix v. varia; intestine; Raleigh, North Carolina).--Skrjabin, K. I., 1948b, 171, 192.

malayensis Tubangui, M. A.; & Masilungan, V. A., 1941a, 135-136, 141, pl. 2, fig. 2 (Gallus g. domesticus; cloaca; Manila ? Philippines).

marsupium (Braun, 1901) Dollfus, R. P. F., 1935f, 55, 65(Odontophorus guajensis (=Perdix rufina); Brasil).--da Fonseca, F., [1939a], 199, 205.

mazzantii (Travassos, 1927) Dollfus, R. P. F., 1935f, 55, 67(Columba livia domest.).--Caballero y C., E.; Grocott, R. G.; & Zerecero y Diaz, M. C., [1953a], 181-184, figs. 1-2 (Columba rufina pallidicrissa; intestine; Panamá).--Costa, H. M. A.; & Freitas, M. G., 1959b, 295 (bovinos; Andrade).--Cunha, R., 1939a, 176-178, figs. 1-2 (Columba livia dom.).--da Fonseca, F., [1939a], 199, 205 (Columba livia domestica, Columbigallina talpacoti; Brazil); 1939g, 144.--Gagarin, V. G.; Ablasov, N. A.; & Chibichenko, N. T., 1957a, 114 (Streptopelia orientalis; intestine; southern Kirgiziia).--Lent, H.; & Teixeira de Freitas, J. F., 1937e, 456-458, figs. 9-12 (Columbigallina talpacoti; small intestine; Belém, Est. Pará, Brasil).--Miller, M. J., 1937b, 100.--Pinto, C.; & Lins de Almeida, J., 1935a, 62(Columba livia domestica; small intestine; Brasil); 1937b, 480.

mesostomus (Rudolphi, 1803) Baer, J. G., 1933a, 40.--Bykhovskaia-Pavlovskaia, I. E., 1955a, 140, 141, 150, fig. 14 (Corvus corone cornix, Acridoteres tristis, Turdus atrogularis; Tadzhikistan).--Dollfus, R. P. F., 1935f, 58, 60, 68, 69, 70.--Dollfus, R. P. F.; Callot, J.; & Desportes, C., 1935b, 18, 19.--Gagarin, V. G.; Ablasov, N. A.; & Chibichenko, N. T., 1957a, 114 (Corvus coronae, Pica pica, Pyrrhocorax graculus, Emberizia bruniceps, Turdus merula; southern Kirgiziia).--Gnedina, M. P., & Potekhina, L. F., 1950a, 79 (Streptopelia (Turturella) orientalis; Kirgizia).--Joyeux, C.; Baer, J. G.; & Timon-David, J., 1934a, 400-401 (Turdus iliacus, T. merula, T. pilaris, T. viscivorus, Coccothraustes vulgaris, Pyrrula vulgaris, Ligurinus chloris, Columba livia).--Pavlov, P., 1946c, 94-95(Helicella obiva; Tirnovo, northern Bulgaria, lapins domestiques, porcs, pigeons domestiques (exper.).--Shtrom, Z. K., 1935a, 244, 245, 246, 252, fig. 24 (Corvus corone orientalis; small intestine; Parkhar); 1940a, 209-211, 213, 216, figs. 25-31 (Pastor roseus, Pica pica bactriana, Lanius minor; Kirghisia).--Sultanov, M. A., [1959b], 366 (seraia vorona [Corvus cornix], skvorets turkestanskii[Sturnus], temnozobyi drozd [dark-throated thrush], deriaba [Turdus visicivorus], riabinnik [Turdus pilaris], chernyi drozd [Merula merula]; Uzbekistan).

migrans (Dujardin, 1845) Baer, J. G., 1932b, 19(Crocidura russula).--Dollfus, R. P. F., 1934c, 552, 560, 561, 562, 563, 567; 1934c, 561, 562, 563, 564-567; 1935a, 180(Oxychilus cellarius=Hyalinia cellaria; Villers-sur-Mer, Calvados); 1935f, 61(Br. migrans Dujardin of Baer, 1932 as syn. of Br. advena Dujardin, 1843); 1935f, 68(Br. (Br.) migrans Dujardin, 1945, p. 409 as syn. of Br. arcuatus Dujardin, 1845).--Joyeux, C.; & Baer, J. G., 1936d, 25 (Crocidura russula; Hermance, Canton de Genève).--Pojmańska, T., 1959, 351 (Br. migrans

var. a Dujardin, 1845 as syn. of Br. fulvus Dujardin, 1843).

mordens (Braun, 1901) Dollfus, R. P. F., 1935f, 55, 64 (Rallus sp.; Brasil).--da Fonseca, F., [1939a], 199, 205.

nicolli (Witenberg, 1925) Joyeux, C.; Baer, J. G.; & Timon-David, J., 1932a, 464-466 (Helicella (Trochoidea) scitula, Oxyphilus cellarius, Agriolimax agrestis, Passer dom.) (subg. Brachylaemus); 1932b, 972 (Passer domesticus (exper.), Turdus merula (exper.); 1934a, 401-402 (as syn. of B. fuscatus).--Adam, W.; & Leloup, E., 1934a, 20, 26-27.--Cable, R. M., 1938a, 454.--Dollfus, R. P. F., 1935a, 446, 447 ("peut-etre identique à fuscatus (Rudolphi"); 1935f, 59, 68 (syn. H [armostomum] (H.) nicolli Witenberg (Passer domesticus; Taschkent); 1935f, 68 (Br. (Br.) nicolli Witenberg of Joyeux, Baer, & Timon-David; of Timon-David, 1932 as syn. of Br. fuscatus auctorum).--Gnedina, M. P.; & Potekhina, L. F., 1950a, 79, 82 (Columbalivia, Streptopelia (Turturella) orientalis; Kirgizia).--Shtrom, Z. K., 1935a, 246-250, 252, figs. 25-28 (Sturnus; small intestine; Parkhar, [Tadzhikhistan]).

oesophagei Shaldybin, L. S., [1954a], 751-752, fig. 3 (Sorex araneus, S. minutus, Neomys fodiens; oesophagus, stomach, intestine, branchi; Mordovskaia ASSR).--Grossman-Pojmańska, T., 1959a, 351 (as syn. of Brachylaemus fulvus Dujardin, 1843).--Heyneman, D.; Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 141 (as syn. of Brachylaime oesophagei).

opisthotrias (Lutz, 1895) Dollfus, R. P. F., 1935f, 54, 63, 71, 72, figs. 12-13 (syn.: Distoma opisthotrias Lutz, ? Harmostomum opisthotrias (Lutz) of Braun, 1901).--Byrd, E. E.; Reiber, R. J.; & Parker, M. V., 1942c, 134, 136, 142, pl. 2, fig. 7 (Didelphis virginiana; small intestine; Reelfoot Lake, Tennessee).--Chandler, A. C., 1946a, 238.--da Fonseca, F., [1939a], 199, 205.--Leigh, W. H., 1940a, 191, 193 (Didelphis virginiana; intestine; Illinois).--Teixeira de Freitas, J. F.; & Lent, H., 1935c, 701 [i. e. 301] (Metachirops opossum; small intestine).

pellucidus (Werby, 1928) Joyeux, C.; Baer, J. G.; & Timon-David, J., 1934a, 401 (Planesticus migratorius propinquus; Washington).--Dollfus, R. P. F., 1935f, 59, 69.--da Fonseca, F., [1939a], 200, 205-206.--McNeil, C. W.; & Krogsdale, J. T., 1953a, 123, 124 (Procyon lotor psora; intestine; Willapa Harbor National Wildlife Refuge, Washington).

peromysci Reynolds, B. D., 1937a, 54 [nomen nudum]; 1938a, 245-248, fig. 1 (Peromyscus l. leucopus; small intestine; Charlottesville, Virginia).--Erickson, A. B., 1938a, 585.--da Fonseca, F., [1939a], 199, 205.--Hall, J. E.; Sonnenberg, B.; & Hodes, J. R., 1955a, 640, 641 (Peromyscus leucopus; Vicinity of Fort George Meade, Maryland & Fort Knox, Kentucky, Mus musculus, Fort Knox, Kentucky).

pulchellus (Johnston, 1917) Dollfus, R. P. F., 1935f, 67 (Leucosarcia picata; New South Wales).

recurvus (Dujardin, 1845) Joyeux, C. E.; & Foley, H., 1930a, 355, 356, 357-358.--Adam, W.; & Leloup, E., 1934a, 24-25 (Meriones s. shawi; Afrique du Nord).--Agapova, A. I., 1953a, 148 (Apodemus sylvaticus; Kazakhstan).--Baer, J. G., 1932b, 3.--Baruš, V.; & Tenora, F., 1956a, 652-653, fig. 1 (Eliomys quercinus, Glis glis; Czechoslovakia); 1957a, 55.--Dollfus, R. P. F., 1935a, 181, 182, 183, 184 (Eulota (Fruticola) fruticum, Helix (H.) pomatia, H. (Cryptomphalus) aspersa, Cepaea nemoralis, C. hortensis; Belgium); 1935f, 53, 63 (syn.: Heterolope aequans, D. (Br.) recurvum Harm[ostomum] recurvum, Dist. musculi Rudolphi, 1819 = ? D. recurvum Dujardin, 1845) (Eliomys quercinus (=Myoxus nitela); Switzerland, Gerbillus gerbillus (=G. aegypticus); Egypt, Meriones shawi; Algeria, Mus (Apodemus) sylvaticus; Geneva) ? Mus musculus; Vienna).--Dubinin, V. B., [1954d], 263 (Apodemus agrarius, Micromys minutus; intestine, Volga Delta).--Erhardová, B., 1958b, 28-29, 79 (Eliomys quercinus; Czechoslovakia).--Gallego Berenguer, J., 1959a, 182, 183, 186, 187, 201, 202 (Epimys n. norvegicus; Spain).--James, P. M., 1954a, 186 (Apodemus sylvaticus; West Wales).--Sadovskaia, N. P., 1956a, 270 (Apodemus speciosus, A. agrarius; Primorskii Krai).--Sosnina, E. F., 1949b, 130 (Glis g. caspicus; Caucasus state preserve); 1957a, 12 (Rattus turkestanicus; Kondar gorge, bank of the Varzob river).--Thomas, R. J., 1953a, 143, 144, 145, 166 (Apodemus sylvaticus; Inner Hebrides).--Vysotskaia, S. O., 1948b, 193 (Apodemus sylvaticus; northern Caucasus).

salamandrae Lopez-Neyra, C., 1916a, 462 [for Brachycoelium salamandrae].

similis (Johnston, 1913) Dollfus, R. P. F., 1935f, 54, 63 (Parameles obesula; Sydney, New South Wales).--Mackerras, I. M.; Mackerras, M. J.; & Sandars, D. F., 1935a, 61 (Isoodon obesulus; Queensland).--Sandars, D. F., 1957b, 265-267 (as syn. of B. dasyuri).

spinosulum (Hofmann, 1899) Krull, W. H., 1933r, 98-99 (Didelphis v. virginiana; Beltsville, Maryland); 1933x, 109-110 (D. v. virginiana; Polygyra thyroides); 1935e, 118, 130-131.--Cable, R. M., 1938a, 454 (H. arburstorum, H. hortensis, H. nemoralis, H. strigella, H. pomatia).--Chandler, A. C., 1946a, 238, 239.--Dollfus, R. P. F.,

1935a, 181, 446; 1935f, 53, 64 (?as syn. of B. erinacei spinosulus (Hofmann, 1899). --Grossman-Pojmańska, T., 1959a, 344, 351-359, figs. 2-3 (Succinea putris, Perforatella bidens, Eulota fruticum; Bialowieza National Park).

sturni Boyd, E. M., 1947b, 184 [nomen nudum] (Sturnus vulgaris; North America).

suis Balozet, L., 1936c, 93-99, figs. 1-6 (porcs; intestine; Bizerte, Tunisia); 1936a, 504-508, fig. 1 (Xerophila mendrano; Tunisia); 1937a, 36-67, figs. 1-13, pl., figs. 1-8, pl. 2, figs. 16-18 (Xerophila mendranoi, X. chioidea, X. phoebia, X. spilmenti, X. terrestris; Ferryville, Tunisia, X. eucana, X. eumona; Béja, Tunisia); 1937b, 622-624 (porcs, Xerophila, Rumina decollata; Tunisia, lapin, rat, souris, domestic pigeon, Meriones shawi (all exper.); 1937c, 171-175 (pathology); 1938a, 324-325. --Dollfus, R. P. F., 1946d, 203-204 (domestic pigs, domestic rabbits, rats, mice, domestic pigeons, Meriones shawi, guinea fowl). --Rivas Ros, J., 1951a, 477-480 (pigs, Spain). --Savi, P., 1950a, 167-170 (swine; Puglia, Provincia di Foggia).

syrmaticus (Yamaguti, 1935) Yamaguti, S., 1939d, 130, 189 (Syrmaticus soemmerringii scintillans; Tazima Province).

tisa Chatterji, P. N., 1957b, 177-179, pl. (Butaster tisa; small intestine; Cuttack, Orissa, India); [1958a], 92-95. --Heyneman, D.; Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 141 (as syn. of Brachylaime tisa).

tjanschanica Gvozdev, E. V., 1953a, 176, 178-179, fig. 3 (Perdix daurica; blind gut; Kazakhstna); 1957a, 168; 1958b, 129. --Heyneman, D.; Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 141 (as syn. of Brachylaime tjanschanica).

tokudae Yamaguti, S., 1954f, 393-395, 405, pl. 1, fig. 1 (Urotrichus talpoides; small intestine; Kiso). --Heyneman, D.; Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 141, 142 (as syn. of Brachylaime tokudai).

variegatus (Rudolphi, 1819) Blanchard, E., 1947a, 298-300, pl. 13, fig. 1. --Lopez-Neyra, C. R., 1916a, 462 (Rana esculenta; lung). --Perrier, E., 1897a, 1808.

vastus Shtrom, Z. K., 1940a, 212-216, 223-224, figs. 35-37 (Pica p. hemileucoptera; intestine; Kirghisia (Ak-Bossaga Alay Mts., Turkestan), Pyrrhocorax pyrrhocorax brachypus; Kirghisia). --Bykhovskaia-Pavlovskaia, I. E., 1955a, 140-141, 150 (Pica pica; Tadzhikistan). --Gnedina, M. P.; & Potekhina, L. F., 1950a, 79, 82 (Dryobates major, Corvus corone orientalis; intestine; Kirgizia).

virginiana Krull, W. H., 1934f, 483-485 (Didelphis virginiana, white rat, dog, cat, chicken, Polygyra thyroides (exper.); 1935e, 118-134 (syn. Harmostomum migrans (Dujardin) of Sinitsin, H. (H.) opisthotrias virginiana Dickerson (Didelphis v. virginiana; Beltsville, Maryland, Polygyra thyroides (exper. & natural), white rat (exper.); 1936b, 56-58 (Polygyra thyroides, Helix pomatia, Deroceras laeve, Pseudosuccinea columella, Helix trivolvis, Succinea sp. (exper.)). --Allison, L. N., 1943a, 144, 145, pl. 2, fig. 19. --Byrd, E. E.; Reiber, R. J.; & Parker, M. V., 1942c, 134, 135-136, 142, pl. 2, fig. 6 (Didelphis virginiana; Athens, Georgia & Reelfoot Lake, Tennessee). --Cable, R. M., 1938a, 455 (syn.: Harmostomum migrans Sinitsin, 1931 nec Dujardin). --Chandler, A. C., 1946a, 238-239, 240 (Dasypus novemcinctus; eastern Texas). --Dollfus, R. P. F., 1935a, 181; 1935f, 64, 65 (syn.: Harmostomum opisthotrias var. virginiana, H. opisthotrias Lutz of Canavan, 1934, H. migrans of Sinitsin, H. opisthotrias of Chandler, 1932). --da Fonseca, F., [1939a], 188, 205 (syn.: H. recurvum, H. spinulosum, H. equans). --Hand, C.; & Voge, M., 1952a, 57-58 (Ariolimax columbianus). --Reynolds, B. D., 1938c, 377-378 (Agriolimax agrestis; Charlottesville, Virginia). --Ulmer, M. J., 1951c, 584; 1952b, 107-108 (Mesodon thyroidus; kidney; Ann Arbor, Michigan, Mesomphix cupreus (second intermediate).

(BRACHYLAIMA) Miller, J. N., 1936a, 82 (syn.: Harmostomum Witenberg, 1926).

BRACHYLAIMA Dujardin, F., 1843a, 338-341 (tld: B. advena). --Adam, W.; & Leloup, E., 1934a, 4, 13. --Joyeux, C. E.; & Foley, H., 1930a, 358. --Luehe, M. F. L., 1899k, 536. --Stiles, C. W.; & Hassall, A., 1898a, 83-84, 96 (type advena=Distoma migrans, 1845) (syns.: Distoma (Brachylaimus) Dujardin, 1845, Brachylaemus Dujardin of Blanchard). --Zarnowski, E., 1960a, 136.

species (Dujardin, 1843) Dollfus, R. P. F., 1935f, 61 (as syn. of Brachylaemus corrugatus Dujardin, 1845).

species Grundmann, A. W.; & Frandsen, J. C., 1959a, 35 (Peromyscus maniculatus; Bonneville Basin, Utah).

species Rausch, R. L., 1952c, 436 (Microtus pennsylvanicus terraenovae; Newfoundland).

advena Dujardin, F., 1843a, 338-341 (Sorex). --Adams, W.; & Leloup, E., 1934a, 4, 5, 11, 12, 16, 20, 22-23, 26-27, 29 (Limax agrestis, L. rufa, Sorex araneus, Agriolimax agrestis, Arion rufus; France). --Joyeux, C. E.; & Foley, H., 1930a, 357, 358. --Stiles, C. W.; & Hassall, A., 1898a, 83, 84, 96 (designated type) (syn. Distoma migrans Dujardin, 1845).

condylura Odlaug, T. O., 1951a, 24 (Condylura cristata; intestine; Duluth, Minnesota); 1952a, 344-346, fig. 1. --Oswald, V. H., 1958a, 327-328 (as syn. of B. rhomboideus).

dolichodirus Mason, J., 1953b, 38-42, figs.

1-19(Blarina brevicauda;small intestine; Johnson Co., Tennessee).--Villella, J. B., 1953c, 21(as syn. of B. rhomboideus).

fulvum Dujardin, F., 1943a, 340-341 (musaraigne[Sorex araneus]). --Adam, W.; & Leloup, E., 1934a, 4, 5, 16, 20, 22-23, 28' (Sorex araneus, Agriolimax agrestis; France). --Stiles, C. W.; & Hassall, A., 1898a, 83(Sorex araneus).

fuscata (Rudolphi, 1819) Babero, B. B., 1953c, 538, 542, 545, pl. 1, fig. 2 (Bonasa umbellus, Centrocercus canadensis, Lagopus lagopus, L. mutus, L. leucurus, Pedioecetes phasianellus;Alaska).

helicis (Leidy, 1847) Adam, W.; & Leloup, E., 1934a, 6, 7, 10, 21, 28 (syn.: Distoma appendiculata Leidy, 1877;D. vagans Leidy, 1850) (Discus alternatus, Polygyra albolabris, Zonitoides arboreus, North America).

helicis-pomatiae (Diesing, 1850) Adam, W.; & Leloup, E., 1934a, 7, 8, 9, 10, 12, 13, 15, 17, 18, 21, 26-27, 28, 31-33, 35 (syn.: Distoma renale Filippi, 1857, D. caudatum Linstow, D. leptostomum Olsson; Cercariaeum helicis Meckel)(Cepaea hortensis, Euomphalia strigella, Helix carthusianella, H. pomatia, H. aspersa, Helicigona (Arianta)arbustorum, Cepaea nemoralis, Arion subfuscus, Succinea, Agriolimax agrestis, Limax tenellus, Lehmannia marginata).

migrans (Dujardin, 1845) Joyeux, C.E.; & Foley, H., 1930a, 358.

nicolli (Witenberg, 1925) Adam, W.; & Leloup, E., 1934a, 20, 29, 34 (Helicella scitula, Oxyphilus cellarius, Agriolimax agrestis;France).

opisthotrias virginiana Adam, W.; & Leloup, E., 1934a, 29(syn.: ?Harmostomum migrans (Dujardin, 1845)) (Polygyra thyroides; North America).

rauschi McIntosh, A., 1950a, 20 (Dicrostonyx groenlandicus rubricatus; Point Barrow, Alaska). --Kruidenier, F. J.; & Gallicchio, V., 1959a, 428, 430, 431, 432, 433-434, pl., figs. 4-5. --Rausch, R. L., 1952c, 436 (Microtus miurus paneaki; Alaska).

recurvum (Dujardin, 1845) Adam, W.; & Leloup, E., 1934a, 15, 17, 19, 26-27, 28, 33-34, 35(syn.:Heterolope aequans, Brachylaima spinosulum, Distomum caudatum, Cercariaeum spinosulum)(Helicigona (Arianta) arbustorum, Euomphalia strigella;Germany, Helix pomatia, H. aspersa, Cepaea nemoralis, C. hortensis, Fruticicola fruticum; Belgium, Arion, Succinea).

rhomboideus(Sinitsin, 1931) Villella, J. B., 1953a, 21(syn.:Brachylaima dolichodirus Mason, 1953)(Blarina brevicauda, Ventridens ligera, hamster; 1954b, 745-746, (Ventridens ligera, Anguispira alternata, Mesodon thyroidus, Retinella indentata, Cricetus auratus, Triodopsis multilineata, Zonitoides nititus (all exper.), Blarina brevicauda).--Oswald, V. H., 1958a, 327-328(syn.: Ectosiphonus ovatus, Brachylaima condylura)(Blarina brevicauda; duodenum, stomach;Central Ohio).

sexconvolutum Miller, J. N., 1936a, 81-86 (subg. Postharmostomum) (Polygyra albolabrus, P. profunda, P. thyroides, Peromyscus maniculatus, Angiospira (=Pyramidula) alternata, A. solitaria; South Bass Island, Ohio).

spinosulum (Hofmann, 1899) Adam, W.; & Leloup, E., 1934a, 13, 15, 17 (as syn. of B. recurvum (Dujardin)).

virginiana (Dickerson, 1930) Ulmer, M. J., 1952a, 91-103, pls. 1-2, figs. 1-16(Anguispira alternata; Michigan, Mesodon thyroidus;kidney;Michigan).--Babero, B. B., 1957c, 232(opossum;Illinois).

BRACHYLAIMATIDAE Ulmer, M. J., 1952a, 91.

species Kruidenier, F. J.; & Gallicchio, V., 1956a, 42 (Microtus longicaudus baileyi; Grand Canyon National Park, Coconimo County, Arizona).

BRACHYLAIMATINAE Ulmer, M. J., 1952a, 91.

BRACHYLAIME (Dujardin, 1843) Kruidenier, F. J.; & Gallicchio, V., 1959a, 429-430, 432, 436-437, 438, 439(syn.: Brachylaima Dujardin, 1843, Brachylaimus, Brachylaemus)("an analysis of the polyorthography of brachylaimid trematodes clearly demonstrates the prior & first subsequent use of an arbitrary spelling Brachylaime"). --Heyneman, D.;Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 139, 141.

"brachylaime du geai" (Dujardin, 1843) Dollfus, R. P. F., 1935f, 69(as syn. of Br. arcuatus Dujardin, 1845).

species Heyneman, D.;Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 138-139, 140, 141, fig. 1 (Tyrannus melancholicus chloronotus;intestine;Venezuela).

microti Kruidenier, F. J.; & Gallicchio, V., 1959a, 430, 431, 432, 434-435, 438, pl., fig. 103(Microtus longicaudus baileyi;pancreatic duct; Grand Canyon National Park, Arizona). --Frandsen, J. C.; & Grundmann, A. W., 1960a, 314 (Peromyscus maniculatus sonoriensis;bile ducts;Utah); 1960b, 675(Peromyscus maniculatus; Bonneville Basin, Utah).

oesophagei (Shaldybin, 1953) Heyneman, D.; Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 141.

tisa (Chatterji, 1956) Heyneman, D.;Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 141.

tjanschanica (Gvozdev, 1953) Heyneman, D.; Brenes Madrigal, R. R.; & Diaz-Ungria, C., 1960a, 141.

tokudai (Yamaguti, 1954) Heyneman, D.; Brenes Madrigal, R.R.; & Diaz-Ungria, C., 1960a, 141, 142.
virginianus (Krull, 1934) Babero, B. B., 1960a, 461 (Didelphis virginiana; Georgia); 1960c, 26 (Mephitis mephitis; Louisiana).
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species Belopol'skaia, M.M., 1954a, 7, 8-9, fig. 2 (Cinclus p. pallasii; gall bladder; Sudzukhinsk preserve, Maritime province).
species Bykhovskaia, I. E., [1954b], 106 (Motacilla flava beema, Riparia riparia; western Siberia).
species Bykhovskaia, I.E., 1955a, 127, 150 (Phoenicurus phoenicurus; Tadzhikistan).
species Gushanskaia, L.K., 1952b, 182 (Coturnix coturnix; pancreas; SSSR).
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species Ryšavy, B., 1960b, 200 (Hirundo rustica; bile ducts of liver; Albania).
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americanum Denton, J.F., 1945a, 131-140, figs. 1-8, 9-10 (Cassidix mexicanus prosopidicola, Quiscalus versicolor, Sturnella magna, Corvus brachyrhynchos, Cyanocitta cristata; liver, U.S.A., Polygyra texasiana, Stenotrema fraterna aliciae, Mesodon thyroidus, Practicollela berlandieriana, Anguispira alternata, Bulimulus alternatus mariae, Deroceras agrestis (exper.).--Denton, J.F.; & Byrd, E. E., 1951a, 177-178, 179, 199, 200, fig. 38a (Buteo lineatus; liver; Georgia).--Jolivet, P.; & Théodorides, J., 1950a, 340-341, 344, 347 (Gastroides cyanea; abdominal cavity, Diabrotica duodecimpunctata; United States).--Mates, O., 1955a, 209, fig. 6 (life cycle).--Wells, M.J.; & Hunter, W.S., 1960a, 623 (Geothlypis trichas; smaller bile ducts of liver; Durham, North Carolina).
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183 (Lanius collurio; liver).--Belopol'skaia, M.M., 1954a, 8 (Acrocephalus arundinaceus orientalis; canaliculi of liver; Sudzukhinsk Preserve, Maritime Province).--Dubinina, M.N.; & Kulakova, A.P., 1960a, 347 (Acrocephalus arundinaceus; Volga delta).

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attenuatum parinum Oshmarin, P.G. in Skrjabin, K.I.; & Evranova, V.G., [1953a], 140, fig. 40 (Parus palustris; liver; Primorskii Krai).

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chivosca (Pratt & Cutress, 1949) Skrjabin, K.I.; & Evranova, V.G., [1953a], 144, figs. 44-45 (Hesperiophona vespertina brooksi).

colorosum (Patwardhan, 1935) Skrjabin, K.I.; & Evranova, V.G., [1953a], 144, 149-150, fig. 46 (syn.: Lyperosum colorosum Patwardhan, 1935, L. bhattacharyai Pande, 1939, Lutztrema colorosum).

coturnixi Oshmarin, P.G. in Skrjabin, K.I.; & Evranova, V.G., [1953a], 150, fig. 47 (Coturnix coturnix; bile ducts; Primorskii Krai, Khorol'skii region).--Gushanskaia, L.K., 1952b, 182 (Coturnix coturnix; canaliculi of liver; SSSR).--Gvozdev, E.V., 1957b, 158, 162, 163, 164, 165 (Perdix perdix, Alectoris graeca; liver); 1958b, 127 (Alectoris graeca; Kazakhstan).

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eugenia Oshmarin, P.G., 1948a, 187 [nomen nudum].--Gnedina, M.P.; & Potekhina, L.F., 1950a, 77-78 (Corvus corone orientalis; Kirgizia).--Skrjabin, K.I.; & Evranova, V.G., [1953a], 157-158, fig. 51 (Nucifraga caryocatactes; liver; Buriat-Mongoliia, SSSR).

exochocotyle Denton, J.F.; & Byrd, E.E., 1951a, 179, 181-182, 199, fig. 38c, d (Toxostoma rufum; liver; Georgia).

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gorbunovi (Shtrom, 1935) Shtrom, Z.K., 1940d, 183 (Cotyle riparia).

gruis Denton, J.F.; & Byrd, E.E., 1951a, 170, 171-172, 199, fig. 36e (Grus canadensis tabida; liver; Texas).

halcyonis (Yamaguti, 1941) Skrjabin, K.I.; & Evranova, V.G., [1953a], 163-164, fig. 55.

harrisoni (Johnston, 1917) Skrjabin, K.I.; Evranova, V.G., [1953a], 164.

idahoensis Schell, S.C., 1957a, 184, 185, 186, fig. 2 (Falco sparverius; bile ducts; Idaho).

kakea (Bhalerao, 1926) Shtrom, Z.K., 1940d, 183 (Corvus insolens).--Dubinina, M.N.; & Kulakova, A.P., 1960a, 347-348, fig. 1 (Acrocephalus arundinaceus; bile ducts

of liver & gall bladder; Volga Delta).

kirghisensis Evranova, V. G. in Skrjabin, K.I.; & Evranova, V.G., [1953a], 167-168, fig. 57(Montifringilla alpicola prosviro-wi;bile ducts;Kirgiziia).

laniicola (Layman, 1926) Shtrom, Z. K., 1940d, 183 (Lanius collurio).--Belopol' skaia, M. M., 1954a, 8 (Lanius collario confusus, Cuculus optatus, C. canorus; gall bladder; Sudzukhinsk Preserve, Maritime Province).--Kurashvili, B. E., [1954a], 341 (Merula merula; Georgian SSR).--Skrjabin, K.I.; & Evranova, V.G., [1953a], 168, fig. 58(Enneoctonus collurio, Upupa epops;liver;Rostov Oblast).

lari (Travassos, 1917) Shtrom, Z.K., 1940d, 183(Larus dominicanus).

laymani (Travassos, 1944) Skrjabin, K.I.; & Evranova, V. G., [1953a], 168, 173, fig. 59 (syn.: Lyperosomum transversogenitalis donicum Layman, 1926).

lobatum (Railliet, 1900) Shtrom, Z. K., 1940d, 183(Pica caudata).--Dollfus, R. P. F., 1954c, 600-601(B. lobatum of Timon-David, 1953 as syn. of B. alfortense).--Dubinina, M.N.; & Kulakova, A.O., 1960a, 348-349 (Corvus frugilegus; bile ducts; Volga Delta).--Ryšavý, B., 1960a, 273-274, fig. 3(Turdus merula, Corvus frugilegus;Czechoslovakia).--Skrjabin, K.I.; & Evranova, V.G., [1953a], 173, fig. 60(Accipiter nisus, Pica pica, Monedula turrium, liver).--Timon-David, J., 1953a, 276-281, 286, fig. 21, pls., figs. 22-24 (pie; Provence).

lobatum glandarii (Semenov, 1927) Shtrom, Z.K., 1940d, 183(Garrulus glandarius).--Belopol'skaia, M.M., 1954a, 8 (Garrulus glandarius brandti; canaliculi of liver; Sudzukhinsk Preserve, Maritime Province).--Gnedina, M.P.; & Potekhina, L. F., 1950a, 76-77(Streptopelia(Turturella) orientalis;liver;Kirgizia).--Macko, J.K., 1957a, 511, 512, 515, 516, fig. 2a-b (Garrulus glandarius;Slovensko).

lobatum strixi Oshmarin, P.G. in Skrjabin, K.I.; & Evranova, V.G., [1953a], 174, 179, fig. 62(Strix uralensis;liver;SSSR).

loossi (Layman, 1926) Shtrom, Z.K., 1940d, 183 (Cotyle riparia).--Skrjabin, K.I.; & Evranova, V.G., [1953a], 179, fig. 63(Cotyle riparia=Riparia riparia; bile ducts; Rostov Oblast, SSSR).

magnitestium (Layman, 1922) Shtrom, S.K., 1940d, 183(Merops apiaster).--Skrjabin, K.I.; & Evranova, V.G., [1953a], 179 (Merops apiaster; bile ducts; Rostov Oblast, SSSR).

marinholutzi (Travassos, 1941) Skrjabin, K.I.; & Evranova, V.G., [1953a], 180, 185, fig. 65(syn.:Lutztrema marinholutzi).

megastomum (Johnston, 1917) Skrjabin, K. I.; & Evranova, V. G., [1953a], 185, fig. 66.

microscelum (Yamaguti, 1933) Shtrom, Z. K., 1940d, 183(Microscelis amaurotis).

microtesticulatum Timon-David, J., 1955d, 455-458, 472, 473, 474, fig. 7(Larus argentatus michaellis; intestine; Riou Island, France).

monenteron (Price & McIntosh, 1935) Shtrom, Z.K., 1940d, 183(Turdus migratorius).

moorei Denton, J.F.; & Byrd, E.E., 1951a, 175, 176-177, 199, fig. 37m (Bubo virginianus;liver;probably Texas).

mosquense (Skrjabin & Isaichikov, 1927) Shtrom, Z.K., 1940d, 183 (Fringilla coelebs;liver).--Schell, S.C., 1957a, 186(Turdus migratorius, Ixoreus n.naevius; liver;Idaho).

nanum Denton, J.F.; & Byrd, E.E., 1951a, 168-171, 200, fig. 36a-d(Pipilo erythrophthalmus, Zonotrichia albicollis;liver; southern U.S.A.).

obliquum (Travassos, 1917) Shtrom, Z.K., 1940d, 183(Turdus amaurochalinus).

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orfi Kingston, N.; & Freeman, R.S., 1959a, 121-126, figs. 1-3 (Bonasa umbellus;bile ducts;Ontario, Michigan, Ottawa National Forest, Zonitoides arboreus, Z. nitidus, Deroceras reticulatum, D. laeve, Cionella lubrica (exper.)).

papabejani (Skrjabin & Udintsev, 1930) Shtrom, Z.K., 1940d, 183 (Caccabis chukar).--Gushanskaia, L. K., 1952b, 180 (Alectoris graeca; liver;Armenian SSR).--Gvozdev, E. V., 1956b, 71.--Kasimov, G. B., [1954a], 304 (gallinaceous game birds).--Sultanov, M.A., [1959b], 367(keklik[Alectoris];Uzbekistan).

parvum (Johnston, 1917) Skrjabin, K.I.; & Evranova, V.G., [1953a], 185-186, fig. 67.

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platynosomoides Potekhina, L. F., 1948a, 156-157, fig. 1(Parus major ferganensis, P. cyanus tianschanicus; hepatic ducts; Kirgizia).--Gnedina, M.P.; & Potekhina, L.F., 1950a, 78, 82 (Parus cyanus tianschanicus; liver; Kirgizia).--Skrjabin, K. I.; & Evranova, V. G., [1953a], 415, (as syn. of Lyperosomum platynosomoides).

praetenuis Oshmarin, P.G. in Skrjabin, K. I.; & Evranova, V. G., [1953a], 193, fig. 69(Apus pacificus;liver;Primorskii Krai,

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rarum (Travassos, 1917) Shtrom, Z. K., 1940d, 183 (Celeus flavescens; gall bladder).—Denton, J. F.; & Byrd, E. E., 1951a, 165-167, 200, fig. 35d-e (Pipilo erythrophthalmus; hepatic & bile ducts; Virginia & North Carolina).—Skrjabin, K.I.; & Evranova, V. G., [1953a], 194, 199, fig. 71 (Celeus f. flavescens, Daenis c. cayana, Calospiza c. cyanocephala (=C. festiva); common bile duct; Brazil).

rodentini Agapova, A. I., 1955a, 118-120, fig. 1 (Clethrionomys rufocanus; canaliculi of liver; southern Altai, Kazakhstan).

salebrosum (Braun, 1901) Shtrom, Z. K., 1940d, 183 (Cypselus melba; gall bladder); 1940b, 207, 216 (Apus melba; Kirghisia).

schamurati Gagarin, V. G.; Ablasov, N. A.; & Chibichenko, N. T., 1957a, 113, fig. 1 (Emberiza bruniceps; liver; southern Kirgizia).

schoutedeni Vercammen-Grandjean, P. H., 1960d, 49, 101-102, pl. 32, figs. 212-217 (Hirundo daurica, H. nigrita; Bukavu).

seiuricum Denton, J. F.; & Byrd, E. E., 1951a, 172-174, 175, 200, fig. 37 a-f (Seiurus aurocapillus; liver; Virginia).

sinuosum (Travassos, 1917) Shtrom, Z. K., 1940d, 183 (Nycticorax violaceus; pancreas).

strigosum (Looss, 1899) Shtrom, Z. K., 1940d, 183 (Merops apiaster; liver).--Gnedina, M. P.; & Potekhina, L. F., 1950a, 78, 82 (Parus cyanus tianschanicus; intestine; Kirgizia).

stunkardi (Pande, 1939) Denton, J. F.; & Byrd, E. E., 1951a, 178-181, 199, fig. 38b (Cyanocitta cristata; liver; Texas, Virginia).--Skrjabin, K.I.; & Evranova, V. G., [1953a], 199-200, fig. 73 (Garrullus lanceolatus; common bile duct; India).

tetraogalli Gvosdev, E. V., 1953a, 175-176, 177, fig. 1 (Tetraogallus himalayensis; western Tian-Shan, Zailiiskii Ala-Tau); 1958b, 128 (T. himalayensis; Kazakhstan).—Gagarin, V. G., 1954a, 101, 102-103, 107, fig. 18 (T. himalayensis; Kirgizia SSR).

transversogenitalis (Layman, 1922) Skrjabin, K.I.; & Evranova, V. G., [1953a], 200, 205, fig. 74.—Gushanskaia, L. K., 1952b, 182 (Phasianus colchicus; bile ducts of liver; SSSR).--Kasimov, G. B., 1956c, 25, 26, fig. 7 (Phasianus chrysomelas bianchii, Cotyle riparia; SSSR).

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transversogenitalis sylvestris (Semenov, 1927) Shtrom, Z. K., 1940d, 183 (Caprimulgus europaeus; liver).

transversogenitalis turkestanicum (Layman, 1926) Shtrom, Z. K., 1940a, 183 (Cotyle riparia; liver).

transversum Shtrom, Z. K., 1940d, 183 (Tirannus melanocholicus; gall bladder).

tuberculatum Denton, J. F.; & Byrd, E. E., 1951a, 166, 167-168, 200, fig. 35 f-h (Wilsonia canadensis; liver; Virginia).

uigurica Evranova, V. G. in Skrjabin, K.I.; & Evranova, V. G., [1953a], 206, fig. 76 (Eremophila penicillata albigua; bile ducts of liver; Kirgizia).--Gnedina, M. P.; & Potekhina, L. F., 1950a, 78, 82 (Parus cyanus tianschanicus; liver; Kirgizia).

vanellicola (Layman, 1922) Shtom, Z. K., 1940d, 182 (Vanellus leucurus; liver).--Bykhovskaia, I. E., [1954b], 24, 25, 101, fig. 9 (Charadrias dubius; western Siberia).

BRACHYMETRA Stossich, M., 1904e, 10 (mt: B. parva) [not Mayr, 1865, insect].--Bittner, H.; & Sprehn, C. E. W., 1928a, 2.--Fuhrmann, O., 1928h, 118.--Stiles, C. W., 1912m, 507.

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species Layman, E. M., 1930a, 72, fig. 26 (Sardinella melanosticta).

acutus (Chauhan, 1945) Skrjabin, K. I.; & Gushanskaia, L. K., 1955a, 470, 484, 487, fig. 132 (Arius fulcarius).

affinis Looss, A., 1907c, 158-159 (B. crenatus Rudolphi of Lander, 1904 renamed) (Anguilla chrysypa, Osmerus mordax; U. U. S.).--Manter, H. W., 1926c, 220.

amuriensis Babaskin, A. V., 1928a, 213-218, figs. 1-3 (Oncorhynchus keta; intestine).--Akhmerov, A. K., 1954d, 90-91 (Oncorhynchus keta, O. gorbuscha, Salvelinus s.

malma; Kamchatka).--Layman, E. M., 1930a, 71 (Clupea harengus pallasii, Oncorhynchus masu, Osmerus eperlanus dentex); 1937a, 362.--Zmeev, G.I., 1932b, 257 (Oncorhynchus keta; Amur river); 1936d, 406, 411, 422-423, 436.

anurus Layman, E. M., 1930a, 71-72, 97, figs. 24-25 (Cottidae, Hexagrammidae, Pleuronectidae).--Manter, H.W., 1954b, 552-563 (as syn. of Genolinea anura).--Yamaguti, S., 1934a, 443 (to Genolinea Manter, 1925).--Zmeev, G.I., 1936b, 406.

brachygobii Reichenbach-Klinke, H. -H., 1952a, 335-338, fig. 1 (Brachygobius xanthozona; abdomen; Mannheim Aquarium).

crenatus (Rudolphi, 1802) Odhner, T., 1905a, 349, 352-355, pl. 4, figs. 3-5 (includes: Fasciola crenata Rudolphi, 1802, 76, pl. 2, fig. 5, Distoma crenatum (Rudolphi) Rudolphi, 1809a, 404, pl. 5, fig. 1; Molin, 1868, 48, pl. 5, figs. 96-98, Distoma appendiculatum p.p. Rudolphi, 1819a, 404, Distoma tectum Linstow, 1873, 104, pl. 5, fig. 4, Distoma ocreatum Molin p.p., Linton, 1899, 288, pl. 35, figs. 16-24, Hemiurus crenatus (Rudolphi) Luehe, 1901, 24, Distoma crenatum Rudolphi, 1810a, 376, Molin, 1859, 25, pl. 1, fig. 3) (hosts reported by Odhner for Scandinavia: Cottus scorpius, Pleuronectes limanda, Gasterosteus aculeatus, Ammodytes tobianus, Salmo salar, S. trutta, Osmerus eperlanus); 1906b, 62; 1927a, 6.--Barysheva, A. F., 1949a, 7 (Salmo salar; Lake Ladoga).--Barysheva, A. F.; & Bauer, O.N., [1958a], 183 (Salmo salar; Lake Ladoga).--Bazikalova, A., 1932a, 143 (Ammodytes tobianus, Limanda limanda; stomach, Murman, Russia).--Bovien, P., 1927a, 283.--Cooper, A.R., 1915a, 188, pl. 2, fig. 9 (Clupea harengus; anterior part of intestine; Canada).--Demel, L., 1933a, 135 (Salmo salar, Ammodytes lanceolatus; Baltic).--Ditlevsen, H., 1917c, 1150 (Lumprenus aculeatus, Gasterosteus aculeatus, Salmo salar).--Dogiel, V. A.; & Markov, G., 1937a, 440, 446, 448, 455 (Salvelinus alpinus; Novaya Zemlia).--Dogiel, V. A.; & Petrushevskii, G., 1934b, 667, 670; 1935a, 155, 160, 164, 168 (salmon).--Dollfus, R.P.F., 1956f, 59.--Engelbrecht, H., 1958a, 483, 484, 487 (Lucioperca sandra; Germany).--Fuhrmann, O., 1928b, 109, fig. 135 (Anguilla chrysypa).--Fukui, T., 1960a, 521 (Oncorhynchus gorbuscha; north Pacific).--Glukhova, V.M., 1956a, 31, 42 (Limanda limanda; White Sea).--Heitz, F. A., 1917a, 20, 33-35, 85, 86, 87, 88, 90, 95, 96, 97, 99, 100, 101, 104, 108, 122, 129, 130 (Salmo salar; oesophagus & stomach; Nord-und Ostsee, Rhine, Elbe, Osmerus eperlanus, Salmo trutta, Acipenser sturio; oesophagus & stomach); 1918a, 343-345.--Heller, A. F., 1949a, 248 (Clupea harengus, Osmerus mordax, Salmo salar; stomach & remainder of digestive tract; Canada).--Isaichikov, I. M., 1928d, 7.--Krotov, A. I., 1960c, 482 (Sakhalin).--Kutikova, L.A., 1950a, 137, 140 (Boreogadus saida).--Linton, E., 1934c, 126 (teleost; Woods Hole, Massachusetts); 1940a, 125-129, pl. 11, figs. 109-120 (Ammodytes americanus, Anguilla rostrata, Clupea harengus, Hemitripterus americanus, Lophius piscatorius, Menidia notata, Menticirrhus saxatilis, Merluccius bilinearis, Microgadus tomcod, Morone americana, Osmerus mordax, Pollachius virens, Pomolobus mediocris, Pomatomus saltatrix, Remora remora, Scomber scombrus, Urophycis chuss, U. tenuis; intestine; Woods Hole, Massachusetts).--Lloyd, L.C., 1938a, 117-119, 123, 130, 131, pl. 3, figs. 21-25 (Oncorhynchus tschawytscha; stomach; Puget Sound).--Looss, A., 1907c, 69, 77, 155, 157-158, pl. 14, figs. 64-65; 1907c, 158, 159 (of Lander as syn. of B. affinis); 1907e, 606.--Luehe, M.F.L., 1909b, 138, fig. 106 (Salmo salar, S. trutta, Osmerus eperlanus, Acipenser sturio, Gasterosteus aculeatus; stomach).--Manter, H.W., 1925a, 13 (Osmerus mordax, Pollachias virens, Clupea harengus; stomach, intestine; Maine); 1926c, 220-221, pl. 4, fig. 53.--Markowski, S., 1933b, 4, 5, 6, 15-16, fig. 6 (Ammodytes lanceolatus intestine; Polish Baltic, Salmo salar; intestine, ventriculus; Polish Baltic).--Miller, M.J., 1941a, 28, 41, 42, fig. 18 (syn.: Hemiurus appendiculatus in part, of Stafford) (Salmo salar, Hippoglossus, Osmerus mordax, Reinhardtius hippoglossoides).--Mola, P., 1928b, 417, 428, 429, 430 (Salmo fario, Gasterosteus aculeatus, Arnoglossus laterna).--Nicoll, W., 1907a, 72, 84, 88-89 (Ammodytes tobianus; stomach & intestine; St. Andrew's Bay, Britain).--Nordlie, F., [1960a], 239.--Polianskii, I. I., 1955a, 69 (Clupea harengus, Melanogrammus aeglefinus, Platessa platessa, Limanda limanda, Myoxocephalus scorpius, Ammodytes hexapterus marinus, Salmo salar; stomach; Barents Sea).--Polianskii, I.I.; & Shul'man, S.S., 1956, 9, 10 (belomorskoi sel'ki [Clupea harengus maris-albi]).--Shaw, J.N., 1947a, 4 (chinook salmon; Oregon).--Shul'man, S.S., 1954d, 231 (Acipenser sturio; Mediterranean & Baltic); 1956a, 51, 52, 54, 55, 57, 58, 60, 61, 62, 64, table between 62 & 63 (Clupea harengus pallasi n. maris albi; intestine, Osmerus eperlanus dentex natiodvinensis; oesophagus & stomach, Eleginus navaga; oesophagus; White Sea for all); [1958b], 289, 299 (Lampetra japonica; stomach; White Sea).--Shul'man, S.S.; & Shulman-Al'bova, R.E., 1953a,

51-53, 104, 106, 110, 114, 120, 128, 137, 138, 140, 144, 152(Salmo salar, S. trutta, Clupea harengus pallasi maris-albi, Osmerus eperlanus dentex natio dvinensis, Lampetra japonica, Clupea harengus pallasi maris-albi f. major, Stenodus leucichthys nelma, Ammodytes tobianus, Gadus morhua maris-albi, Eleginus navaga, Limanda limanda, Gasterosteus aculeatus, Myoxocephalus scorpius, M. quadricornis labradoricus, Sebastes marinus, Lampetra fluviatilis; White Sea).--Slusarski, W., 1958a, 399-409, 489, figs. 116-119.--Sproston, N. G., 1938a, 39, 46, 50-51, (Pleuronectes platessa, Conger conger; stomach; Roscoff).--Yamaguti, S., 1934a, 443 (Onchorhynchus milktschitsch; stomach).--Zhukov, E. V., 1959a, 199 (southern Kurils).--Zhukov, E. V.; & Strelkov, I. A., 1959a, 189 (Far East).

musculus (Looss, 1907) Skrjabin, K. I.; & Gushanskaia, L. K., 1955a, 470, 492, 495, fig. 134.--Kurashvili, B., 1960a, 256 (Acipenser güldenstadti colchicus, Rhombus maeoticus; Black Sea).

parvus (Manter, 1947) Skrjabin, K.I.; & Gushanskaia, L. K., 1955a, 470, 495, fig. 135.

BRACHYSACCUS Johnston, S. J., 1912a, 316 (tod: B. anartius).--Baer, J. G., [1944a], 42, 43.--Fuhrmann, O., 1928b, 112.--Mehra, H. R.; & Bokhari, M. A., 1932a, 47, 48, 54, 56.--Ozaki, Y., 1932c, 44.--Perkins, M. G. L., 1928a, 342, 343, 353.--Travassos, L. P., 1924b, 622, 623.--Yamaguti, S., 1958a, 410 (as syn. of Dolichosaccus Johnston, 1912).

amplicavus (Travassos, 1924) Baer, J. G., [1944a], 44.

anartius Johnston, S. J., 1912a, 317-319, figs. 9, 51-55(tod)(Hyla aurea, Limnodynastes peronii; intestine & rectum; [Australia]).--Baer, J. G., [1944a], 43.--Perkins, M. G. L., 1928a, 353.--Walton, A. C., 1946i, 592.

juvenilis Nicoll, W., 1918d, 368-370, pl. 8, fig. 1 (Chiroleptes brevipalmatus; intestine; [Australia]).--Baer, J. G., [1944a], 43.--Perkins, M. G. L., 1928a, 353, 354.--Mehra, H. R.; & Bokhari, M. A., 1932a, 55.

symmetrus Johnston, S. J., 1912a, 319-320, fig. 10(Hyla coerulea; rectum; [Australia]).--Baer, J. G., [1944a], 44.--Perkins, M. G. L., 1928a, 353.--Walton, A. C., 1946i, 592 (Hyla caerulea; Australia).

BRAHAMPUTROTREMA Dayal, J.; & Gupta, S. P., 1954b, 190(tod: B. punctati).--Gupta, S. P., [1955b], 2, 65, 67-68.

punctati Dayal, J.; & Gupta, S. P., 1954b, 190 (Ophiocephalus punctatus; intestine; Brahamputra river at Ghauhati, Assam).--Gupta, S. P., [1955b], 2, 65-67, 68, figs. 32-34.

BRAHAMPUTROTREMATIDAE Yamaguti, S., 1958a, 5, 77.

BRANDESIA Stossich, M., 1899b, 7, 10 (mt: B. turgida).--Baer, J. C., 1932b, 28.--Bittner, H.; & Sprehn, C. E. W., 1928a, 2, 79, 94.--Braun, M. G. C. C., 1900h, 6.--Dollfus, R. P. F., 1946g, 51; 1951a, 142(key).--Fuhrmann, O., 1928b, 115.--Jegen, G., 1917a, 544, 546, 548.--Johnston, S. J., 1914a, 244.--Kaw, B. L., 1950a, 82, 89 (Lecithodendriidae, Pleurogenetinae).--Looss, A., 1899b, 617, 623, 624-625.--Luehe, M. F. L., 1909b, 130, 131.--Macy, R. W., 1936b, 323.--Mehra, H. R., 1935a, 111, 112(key).--Mehra, H. R.; & Negi, P. S., 1928a, 96, 101-102.--Odhner, T., 1910d, 83.--Poche, F., 1926b, 139.--Pratt, H. W., 1902a, 889, 903(key), related to Brachycoeliinae.--Srivastava, H. D., 1934b, 255.--Stafford, J., 1905a, 683, 684, 685, 686.--Stiles, C. W., 1901r, 189, 190.--Travassos, L. P., 1921h, 75, 77; 1928b, 189, 195; 1930f, 63.--Witenberg, G. G., 1932d, 261.

areana Wolf, H. T., 1908a, 147 (frog & tadpole).--Walton, A. C., 1947f, 685 (Rana esculenta; Europe).

turgida (Brandes, 1889) Stossich, 1899b, 10.--Bittner, H.; & Sprehn, C. E. W., 1928a, 5, 30, 37.--Braun, M. G. C. C., & Luehe, M. F. L., 1909a, 118; 1910a, 130.--Bykhovskii, B. E., 1932b, 27, 28, 29, 34 (Rana esculenta, R. ridibunda, R. arvalis; Kiev, USSR); 1933a, 48, 49, 50, 51, 52, 57.--Căpuse, I.; & Dancău, D., 1957a, 146, 149 (Rana ridibunda; region of pyloris & stomach; Roumania).--Cohn, L., 1904a, 235.--Dubinina, M. N., 1950c, 313-314 (Rana ridibunda; Volga delta).--Fadeev, N. N., 1929a, 13 (Donets basin).--Fantham, H. B.; Stephens, J. W. W.; & Theobald, F. V., 1916a, 6.--Harrah, E. C., 1922a, 76.--Isaichikov, I. M., 1923c, 21, 22, 24(Rana ridibunda; Moscow); 1926b, 142, 149, 152, 157, 158 (Rana esculenta, R. temporaria, R. ridibunda); 1926b, 64, 66.--Jegen, G., 1917a, 542, 544, 545, 547.--Kowalewski, M., 1902d, 27.--Looss, A., 1899b, 624, 775-777, figs. A-B.--Luehe, M. F. L., 1909b, 131-132, fig. 100(Rana esculenta; Europe).--Mazurmovich, B. N., 1951a, 14, 48-49 (Rana temporaria; Kiev).--Mehra, H. R.; & Negi, P. S., 1928a, 102.--Odening, K., [1955], 488; 1957b, 291, 297, 301 (Rana e. esculenta; Thuringia).--Odhner, T., 1910d, 83.--Oshmarin, P. G., 1958a, 261.--Reichenow, G.; & Wülker, G., 1929a, 168.--Ruszkowski, J. S., 1925c, 178; 1926b, 178 (Rana esculenta; intestine; Warsaw).--Sandner, H., 1949a, 8, 13, 14, 15, 22.--Seno, H., 1907a, 356, 357, 358-359.--Skrjabin, K. I.; & Shul'ts, R. E. S., 1929a, 65.--Sprehn, C. E. W., 1930s, 272.--Travassos, L. P., 1921h, 77.--Vlasenko, P. V.,

1930a, 50, 51, 52. --Walton, A. C., 1947b, 26; 1947f, 685; 1948c, 745. --Wiśniewski, W. L., 1958a, 28. --Zhadin, V. I., 1921a, 66, 67, 70, 71, 72, 85, 89.

BRAUNINA Heider, K., 1900a, 19-22, figs. a-d (Hemistomidae); 1900b, 19-22, figs. a-d. --Dubois, G., 1936a, 512; 1938b, 463 (type: B. cordiformis); 1953a, 112. --Fuhrmann, O., 1928b, 127, 128. --LaRue, G. R., 1926d, 12, 14 (type: B. cordiformis). --McIntosh, A., 1953b, 31. --Poche, F., 1926b, 192. --Pratt, H. S., 1902a, 908 (key). --Railliet, A., 1919d, 229. --Szidat, L., 1929a, 647, 681. --Tubangui, M. A., 1922a, 4. --Wallace, F. G., 1929a, 60. --Wolf, K., 1903a, 603-626, pl. 11, figs.

cordiformis Wolf, K., 1903a, 623, pl., figs. 1-11 (Dolphin; Rio de Janeiro). --Dubois, G., 1938b, 463, 464-465, 473, figs. 338-340. --Graham, G. L., 1960a, 847-848, fig. 3. --Hutton, R. F.; & Sogandares-Bernal, F., 1960a, 288. --LaRue, G. R., 1926d, 12, 14. --McIntosh, A., 1953b, 31 (Tursiops truncatus; attached to walls of first & second stomachs; Florida, Stenella graffmani; Panama Bay, Panama). --Szidat, L., 1936a, 308, 309, 311, figs. 16C, 17C (Delphinus delphis; gut, stomach). --Tubangui, M. A., 1922a, 4.

BRAUNINIDAE Bosma, N. J., 1931a, 521-522. --Dubois, G., 1936a, 512; 1938b, 11, 32, 463, chart; 1953a, 112. --Mehra, H. R., 1947a, 49.

BRAUNININAE Wolf, K., 1903a, 622-623. --Dubois, G., 1936a, 512; 1938b, 11, 463, chart; 1953a, 112. --Fuhrmann, O., 1928b, 128. --Lal, M. B., 1939c, 172. --LaRue, G. R., 1926d, 12, 14. --Mehra, H. R., 1947a, 1, 49. --Railliet, A., 1919d, 229. --Szidat, L., 1929a, 682; 1936a, 310-311.

BRAUNOTREMA Price, E. W., 1930h, 161 (tod: B. pulvinata). --Lent, H.; & Teixeira de Freitas, J. F., 1938a, 58-59.

pulvinata (Braun, 1899) Price, E. W., 1930h, 161; 1932f, 310 (Podocnemis expansus; Brazil, National Zoological Park, Washington, D. C.). --Hughes, R. C.; Higginbotham, J. W.; & Clary, J. W., 1941a, 42; 1942a, 119. --Lent, H.; & Teixeira de Freitas, J. F., 1938a, 57-62 (Podocnemis expansa; Rio Amazonas, Estado do Pará, Brazil).

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niloticum McClelland, W. F. J., 1957a, 252-254, 255, 256 (Citharinus citharus; intestine, Nile river, Sudan).

BREVICREADIUM Manter, H. W., 1954b, 476, 523-524, 562 (tod: B. congeri).

congeri Manter, H. W., 1954b, 476, 523-524, 525, 563, figs. 48-49 (Leptocephalus conger; intestine; Wellington).

BRIENTREMA Dollfus, R. P. F., 1950a, 7, 21, (tod: B. pelecani).

malapteruri Dollfus, R. P. F., 1950a, 7, 23-26, figs. 12-15 (Malapterurus electricus, Distichodus lusosso; intestine; Congo belge).

pelecani Dollfus, R. P. F., 1950a, 7, 21-23, figs. 10-11 (tod) (Pelecanus rufescens; intestine; Congo belge).

BRIENTREMATINAE Dollfus, R. P. F., 1950a, 21, 23.

BRIJICOLA Pande, B. P., 1960a, 227 (mt: B. caballeroi).

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BRODENIA Gedoelst, L., 1913b, 256-259. --Dollfus, R. P. F., 1922e, 326, 336, 341. --Fuhrmann, O., 1928b, 115. --Kobayashi, H., 1921e, 388. --Nicoll, W., 1927a, 343. --Poche, F., 1926b, 141. --Travassos, L. P., 1918c, 5; 1920d, 11, 24 (type: B. serrata); 1944a, vi, 2, 20, 229.

laciniata (de Blainville, 1870) Gedoelst, L., 1913b, 259 (Papio maimon; Guinée). --Travassos, L. P., 1920d, 24; 1944a, vi, 20, 230-231, 290 (Papio sphinx; Guiné).

serrata Gedoelst, L., 1913b, 256-259, figs. 1-3 (Cercocebus sp.; pancreas; Belgian Congo). --Travassos, L. P., 1920d, 24; 1944a, vi, 20, 229-230, 290, pl. 98, fig. 1.

BRUMPTIA Travassos, L. P., 1921d, 357, fig. 1; [1922a], 153. --Artigas, P. de T.; & Pacheco, G., [1933a], 107. --Fuhrmann, O., 1928b, 102. --Fukui, T., 1923b, 445, 466; 1929b, 269, 270, 306, 315. --Maplestone, P. A., 1923b, 196. --Näsmark, K. E., [1937a], 386. --Southwell, T.; & Kirshner, A., 1937a, 234, 237, 241. --Stunkard, H. W., 1929d, 258. --Travassos, L. P., 1934c, 104-105. --van der Westhuysen, O. P., 1938a, 121.

bicaudatum (Poirier, 1909) Stunkard, H. W., 1926d, 8; 1929d, 234, 258-262, figs. 27-33. --Dawes, B., 1936b, 179, 180, fig. 1c. --Dollfus, R. P. F., 1950a, 10, 115 (syn.: Cladorchis gigas) (Loxodonta africana; Congo belge). --Näsmark, K. E., [1937a], 337, 386, 565, fig. 19, pl. 13, figs. 8-11. --Travassos, L. P., 1934c, 105-106, 145, fig. 63 (Loxodon africanus, Rhynoceros sp., Elephas africanus). --van der Westhuysen, O. P., 1938a, 121-122, 188, figs. 260-261. --Willmott, S., 1960a, 623-634, figs. 1-9 (morphology).

gigas (MacCallum, 1917) Maplestone, P. A., 1923b, 196-201, figs. 30-32, pl. 8, figs. 1-6 (Rhinoceros; Ngoa, Rhodesia). --Fukui, T., 1926a, 79, 83; 1926b, 97, 104; 1929b, 236, 267, 269, 308, 315, 340 (Loxodon africanus, Rhinoceros). --Joyeux, C. E.; & Mathias, P., 1926a, 335-336. --Lane, C., 1924b, 28. --Le Roux, P. L., 1934a, 58 (black rhinoceros; Fort Jameson, North-

ern Rhodesia).--Näsmark, K.E., [1937a], 337, 338, 363, 386, 565, pl. 13, figs. 9-11. --Odhner, T., 1926, 1(as syn. of Amphistomum bicaudatum Poirier).--Stunkard, H.W., 1925c, 142; 1929d, 234.

BRUMPTIDAE Skrjabin, K. I., 1949a, 498 (syn.:Brumptinae Stunkard, 1925).

BRUMPTINAE Stunkard, H. W., 1925c, 142, 147.--Fuhrman, O., 1928b, 102.--Fukui, T., 1929b, 308, 309, 314-315.--Lopez-Neyra, C. R., 1941a, 327.--Näsmark, K. E., [1937a], 313, 337, 344, 393, 433, 438, 547, 551.--Ozaki, Y., 1937b, 208.--Southwell, T.; & Kirshner, A., 1937a, 230, 236, 237, 250.--Travassos, L. P., 1934c, 104.

BUCEPHALIDAE Poche, F., 1907a, 125; 1926b, 116.--Bhalerao, G. D., 1937f, 97-98(syn.: Gasterostomidae Braun, 1883) (includes: Bucephalus, Bucephalopsis, Prosorhynchus, Rhipidocotyle, Dolichoenteron).--Chauhan, B. S., 1943a, 97.--Chen, H.-T., 1956b, 104-105.--Ciordia, H., 1956a, 103. --Eckmann, F., 1932a, 94.--Fuhrmann, O., 1928b, 100 (as syn. of Gasterostomidae Braun).--Hopkins, S. H., 1956a, 129-135(excretory system).--Kniskern, V. B., 1952a, 253-266.--Lahille, F., 1922a, 9.--Lal, M. B., [1954a], 173.--LaRue, G. R., 1926e, 276.--Luehe, M. F. L., 1909b, 21. --Manter, H. W., 1940a, 332-335.--Nagaty, N. P., 1937a, 172 pp. (key).--Nicoll, W., 1914g, 490.--Pigulevskii, S. V., 1932a, 433.--Tendeiro, J., 1954h, 34 emend. (includes:Bucephalinae; Bucephalopsinae).--Van Cleave, H. J.; & Mueller, J. F., 1934a, 178, 185(includes:Prosorhynchus, Bucephalopsis, Bucephalus, Rhipidocotyle, Dolichoenterum).--Ward, H. B., 1918a, 379. --Woodhead, A. E., 1929b, 256-275; 1930b, 1-17.

species (bucephalids of elegans-papillosus group) Van Cleave, H. J.; & Mueller, J. F., 1934a, 190 (Perca flavescens, Esox niger, Ameiurus nebulosus, Lepibema chrysops; Oneida Lake).

BUCEPHALINAE Nicoll, W., 1914g, 490, 491 (includes: Bucephalus(type), Bucephalopsis, Rhipidocotyle).--Chauhan, B. S., 1943a, 97, 98.--Dollfus, R. P. F., 1951f, 764.--Isaichikov, I. M., 1928d, 22.--Manter, H. W., 1940a, 335.--Nagaty, H. F., 1937a, 14, 15.--Ozaki, Y., 1928b, 36.--Pigulevskii, S. V., 1931a, 10, 14; 1932a, 433, 434.--Tendeiro, J., 1954h, 35 (includes:Dolichoenterum Ozaki, 1923, Bucephalus Baer, 1927, Rhipidocotyle Diesing, 1858).

BUCEPHALOIDES Hopkins, S. H., 1954b, 355, 368(tod:B. gracilescens)(n. name for Bucephalopsis Nicoll, 1914 nec Diesing, 1855).

arcuatus (Linton, 1900) Velasquez, C. C., 1959a, 142 (syn. Bucephalopsis arcuata (Linton, 1900) Eckmann, 1932.--Sogandares-Bernal, F., 1959b, 74 (Sphyraena barracuda; pyloric ceca, rectum; S. Bimini, British West Indies).

bennetti (Melugin, 1940[n. nudum]) Hopkins, S. H.; & Sparks, A. K., 1958a, 409-410, 411, pl. 1(Paralichthys lethostigmus; Grande Isle, Louisiana).--Sogandares-Bernal, F.; & Hutton, R. F., 1959b, 260, 261, 262, 271, 272, pl., figs. 3-5 (Paralichthys albiguttus; Tarpon Bay, Florida).

caecorum Hopkins, S. H., 1956a, 130, 131, 132, 133, figs. 4-7 (Cynoscion nebulosus; Grande Isle, Louisiana).--Hutton, R. F.; & Sogandares-Bernal, F., 1960a, 288(Bairdiella chrysura, Florida).--Sogandares-Bernal, F.; & Hutton, R. F., 1959b, 260, 261, 262, 264, 272, pl., figs. 6-7 (Bairdiella chrysurus; Boca Ciega Bay, Florida).

gracilescens (Rudolphi, 1819) Hopkins, S. H., 1934b, 355, 368 (tod).

philippinorum Velasquez, C. C., 1959a, 142-143, 146, 147, figs. 21-22(Sphyraena langsar; stomach & gills?); Philippines).

strongylurae Hopkins, S. H., 1954b, 358-360, 361, 366, figs. 6-7, 10d (Strongylura marina, Menidia beryllina; Port Aransas, Texas).--Sparks, A. K., 1958a, 72(Strongylurus marina; Grand Isle, Louisiana).

trichiuri Sogandares-Bernal, F., 1955a, 588, 593, 594, pl. 1, fig. 1(Trichiurus lepturus; pyloric ceca; Lake Pontchartrain, Louisiana).--Sparks, A. K., 1958a, 72 (Trichiurus lepturus; Grand Isle, Louisiana).

BUCEPHALOPSINAE Tendeiro, J., 1954h, 34, 35 (includes: Bucephalopsis Diesing, 1855, Prosorhynchoides Dollfus, 1929).

(BUCEPHALOPSIS) Diesing, K. M., 1855a, 396(mt:B. haimeanus) (subg. of Bucephalus Baer).--Ziegler, H. E., 1883b, 540.

BUCEPHALOPSIS (Diesing, 1858) Nicoll, W., 1914g, 489, 490, 491(type:B. gracilescens).--Bhalerao, G. D., 1937f, 98, 100-102, 103, 121 (key).--Chauhan, B. S., 1943a, 97, 98, 102-105(syn.:Prosorhynchoides Dollfus, 1927).--Dollfus, R. P. F., 1929d, 104.--Eckmann, F., 1932a, 94, 95, 99, 104, 105. --Fuhrmann, O., 1928b, 100.--Hopkins, S. H., 1954b, 355, 368(as syn. of Bucephaloides).--Kniskern, V. B., 1952a, 255, 256-259.--Manter, H. W., 1940a, 335.--Nagaty, H. F., 1937a, 8, 13, 14, 15, 33, 35, 37, 39, 41, 43, 45.--Ozaki, Y., 1924b, 174, 190, 197, 199; 1928b, 36.--Tseng Shen, 1930b, 554.--Van Cleave, H. J.; & Mueller, J. F., 1934a, 185.--Verma, S. C., 1936d, 83-84.

(?) species Eckmann, F., 1932a, 109 (syn.: Gasterostomum sp. Linton, 1900) (Tylosurus marinus).

(?)species Eckmann, F., 1932a, 109 (syn.: Gasterostomum sp. Linton, 1901) (Tylosurus marinus).

(?) species Eckmann, F., 1932a, 110(syn.: Gasterostomum sp. Linton, 1905) (Seri-

ola lalandi).

(?) species Eckmann, F., 1932a, 110(syn.: Gasterostomum sp. Linton, 1910 partim) (Sphyraena barracuda).

species Srivastava, H. D., 1935g, 79(Eutropicthys vacha; Allahabad).

species Srivastava, H. D., 1935g, 82(Silundia gangetica).

species Yamaguti, S., 1942b, 131, 148-149, 159, pl. 5, fig. 9(Parupeneus multifasciatus; oesophagus; Naha).

arcuata (Linton, 1900) Eckmann, F., 1932a, 105, 109.--Bhalerao, G. D., 1937f, 103.--Chauhan, B. S., 1943a, 101, 104.--Dollfus, R. P. F., 1937b, 269(Carcharinus obscurus).--Manter, H. W., 1940c, 3, 11-12, 18, figs. 15-17(Scomberomorus regalis; Beaufort, North Carolina, Sarda sarda; Woods Hole, Sphyraena barracuda; Tortugas, Florida)(syn.: Gasterostomum sp. Linton, 1910, pp. 80-81 in part); 1947a, 260, 261, 375, 378 (Sphyraena barracuda; Tortugas, Florida).--Nagaty, H. F., 1937a, 37, 38, 45, pl., fig. 19 (syn.: Gasterostomum pusillum, Bucephalopsis pusilla).--Siddiqi, A. H.; & Cable, R. M., 1960a, 270, 320, fig. 7 (Sphyraena barracuda; intestine; Mona Island).--Velasquez, C. C., 1959a, 142.

basargini Layman, E. M., 1930a, 57, 58, 90, fig. 7(Platichthys stellatus; Darm); 1937a, 362(Onchorhynchus gorbuscha).--Zmeev, G. I., 1936d, 406.

basaringi Nagaty, H. F., 1937a, 47[for B. basargini].

belonea Srivastava, H. D., 1937t, 299[nomen solum]; 1938j, 325-329(Belone strongylura; intestine; Allahabad).--Chauhan, B. S., 1943a, 105; 1954c, 248, 257-259, fig. 13.

bennetti Melugin, J., 1940a, 89 [nomen nudum] (Paralichthys lethostigmus; Grand Isle Region, Louisiana).

caecorum (Hopkins, 1956) Yamaguti, S., 1958a, 21.

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cybii Park, J. T., 1939d, 63-65, pl. 7, figs. 1-5 (Cybium coreanum, Acanthogobium hasta; alimentary canal; Simmi Island, North Tyosen, Korea).--Bravo-Hollis, M.; & Sogandares-Bernal, F., 1956a, 538, 539, pl., fig. 4(Sarda orientalis, Scomberomorus sp.; pyloric ceca & intestine; Manzanillo, Colima, Pacific coast of Mexico).

dolichoon Manter, H. W., 1940c, 3.

elongatus Ozaki, Y., 1928b, 56, fig. 26(Seriola aureovittata; intestine; Japan).--Chauhan, B. S., 1943a, 101, 104.--Eckmann, F., 1932a, 105.--Layman, E. M., 1930a, 58.--Nagaty, H. F., 1937a, 44, 47.--Yamaguti, S., 1934a, 275-276 (Seriola aureovittata; small intestine & pyloric ceca, Sillago sihama; small intestine; both from Inland Sea).

exilis Nicoll, W., 1915d, 39-40, pl. 5, fig. 11 (Caranx nobilis; intestine; North Queensland).--Bhalerao, G. D., 1937f, 103.--Chauhan, B. S., 1943a, 101, 104.--Eckmann, F., 1932a, 104.--Johnston, T. H., 1916a, 61.--Layman, E. M., 1930a, 58.--Nagaty, H. F., 1937a, 37, 40, 47, pl., fig. 21.--Ozaki, Y., 1928b, 58.

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gracilescens (Rudolphi, 1819) Nicoll, W., 1914g, 490, 491(tod)(Lophius piscatorius; intestine, pyloric ceca).--Baylis, H. A., 1939a, 474 (Lophius piscatorius, Conger conger; South Devon, British Islands).--Baylis, H. A.; & Jones, E. I., 1933a, 630 (Lophius piscatorius; stomach & intestine, Conger vulgaris; stomach (possibly accidental); both from Plymouth, England).--Bhalerao, G. D., 1937f, 103.--Brinkmann, A., [1957a], 17-22, figs. 4-6 (Lophius piscatorius; intestine; Norwegian waters).--Chauhan, B. S., 1943a, 101, 104.--Crofton, H. D.; & Fraser, P. G., 1954a, 105.--Eckmann, F., 1932a, 104, 105-106, 109, 110, fig. 6.--Faust, E. C., 1926b, 115.--Layman, E. M., 1930a, 58.--Manter, H. W., 1931c, 397 (Menidia menidia).--Mathias, P., 1934a, 578-580, fig. 6(Lophius piscatorius; stomach; Banyuls, Pyrénées-Orientales).--Nagaty, H. F., 1937a, 35, 36, 45, pl., fig. 15.--Ozaki, Y., 1928b, 58.--Polianskii, I. I., 1955a, 45 (Lophius piscatorius, Conger conger; Barents Sea).--Zhukov, E. V., 1959a, 198.--Zhukov, E. V.; & Strelkov, I. A., 1959a, 189.

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G.D., 1937f, 100, 102, 103.--Chandler, A. C., 1935c, 127.--Chauhan, B.S., 1943a, 101, 103.--Eckmann, F., 1932a, 104, 109, 110 (syn.:Bucephalus cucullus Ziegler, 1883; B. cucullus MacGrady, 1874; Bucephalopsis ovatus Ozaki, 1928, Gasterostomum graciliscens Tennent, 1906(nec Rudolphi), (?) Gasterostomum tergestinum Stossich, 1883, Bucephalus haineanus Lacaze-Duthiers, 1854).--Layman, E. M., 1930a, 58.--Nagaty, H. F., 1937a, 35, 36, 39, 45, pl., fig. 16 (syn.:Gasterostomum sp. Linton, 1900, Gasterostomum sp. Linton, 1901, G. gracilescens Linton, 1906 nec Rudolphi, 1819).--Ozaki, Y., 1928b, 58.--Palombi, A., 1934b, 53, 55-57, figs. 1-2(Ostrea edulis, O. virginiana, Cardium edule, C. tuberculatum (=C. rusticum), Mactra subtruncata, M. solida, Tapes aureus, T. decussatus, T. pullaster, Belone vulgaris, Gadus aeglifinus, G. morrhua, G. merlangus, Phycis blennoides, Menidia menidia, Lophius piscatorius, Tylosurus marinus).

karvei Bhalerao, G.D., 1937f, 98-103, 121, figs. 1-4(Belone cancila; intestine; Poona, Bombay Presidency).--Chauhan, B. S., 1943a, 101, 103; 1954c, 248, 256-257, fig. 12.--Dayal, J.; & Gupta, S. P., [1952b], 211.--Gupta, S. P., [1958a], 112-121, figs. 3-9 (Belonea cancila; Lucknow).

kweiyangensis Chu, H. J., 1950a, 120-122, figs. 1-4(Megalobatrachus japonicus; large intestine; Kweiyang, Kweichow Province, China).

labiatus Manter, H. W.; & Van Cleave, H. J., 1951a, 317-318, 336, 340, pl. 12, figs. 1-2(Paralichthys californicus; intestine; California).

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megacetabulus Nagaty, H.F., 1937a, 10, 43, 47, 60, 61-63, 154, 155, pl., fig. 31 (Belone choram; Chardaga, Red Sea).--Chauhan, B.S., 1943a, 101, 103.

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ovatus Ozaki, Y., 1928b, 56-58, fig. 27 (Parasilurus asotus; small intestine; Korea).--Caballero y C., E.; Bravo Hollis, M.; & Grocott, R.G., 1953b, 110-113, fig. 13, pl., fig. 12(Lobotes pacificus; intestine; Panama Viejo, Pacific Ocean).--Chauhan, B.S., 1943a, 101, 104.--Eckmann, F., 1932a, 104, 109((?) as syn. of B. haimeana).--Layman, E. M., 1930a, 58.--Manter, H.W., 1947a, 261.--Nagaty, H.F., 1937a, 37, 39, 47(as syn. of B. ozakii).

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ozakii Nagaty, 1937a, 37, 39, 46, 47, pl., fig. 24 (syn.:Bucephalopsis ovatus Ozaki, 1928 nec Linton, 1900).--Chauhan, B.S., 1943a, 101, 103.

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bull Lake, Iowa).--Nagaty, H. F., 1937a, 45(as syn. of B.arcuatus).--VanCleave, H. J.; & Mueller, J. F., 1934a, 185, 188-189, fig. 1(1-3) (Stizostedion vitreum; ceca & intestine; Oneida Lake).--Woodhead, A.E., 1936b, 475.
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sinhai Dayal, J., 1948a, 53-56, figs. 7-8 (Eutropiichthys vacha; intestine; India).--Chauhan, B. S., 1954c, 248, 261-262, fig. 15.
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tergestinum (Stossich, 1883) Nagaty, H.F., 1937a, 35, 38, 45, pl., fig. 18.--Chauhan, B.S., 1943a, 101, 103.
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tylosuris Ozaki, H.; & Ozaki, Y., 1952a, 85-90, figs. 1-3(Tylosurus coromandelicus; intestine; Japan).
BUCEPHALUS von Baer, K.E., 1826a, 124-125 [not Smith, 1829, reptile]; 1827b, 570-589 (mt.: B. polymorphus).--Bauer, O.N., 1954b, 51, 52, 53 (formation of parasitic fauna of fish in new reservoirs).--Benham, W.B.S., 1901a, 69.--Biehringer, J., 1884a, 20; 1888a, 231, 232, 235.--Bittner, H.; & Sprehn, C.E.W., 1928c, 47, 76, 94.--Brandes, G. P. H., 1891d, 8.--Braun, M.G.C.C., 1892a, 589, 592, 599, 636, 640, 768, 769, 770, 771; 1893a, 823, 825, 834, 884, 892; 1903a, 142, 145; 1908a, 171, 174; 1915a, 159.--Braun, M.G.C.C.; & Luehe, M.F. L., 1909a, 131; 1910a, 143.--Burmeister, H., 1856a, 244, 245, 250.--Carus, C. G., 1835a, 94.--Cobbold, T. S., 1876i, 303; 1879b, 453.--Diesing, K. M., 1850a, 286, 294; 1855a, 395; 1858d, 271, 272.--Dollfus, R.P.F., 1929d, 104.--Dujardin, F., 1845a, 478.--Eckmann, F., 1932a, 94, 95, 106, 107, 109(syn.: Alcicornis McCallum, 1917; Eubucephalus Diesing, 1855, Gasterostomum Siebold, 1848).--Ercolani, G.B., 1881e, 60; 1882a, 296.--de Filippi, F., 1854a, 6; 1857c, 22.--Fuhrmann, O., 1928b, 85, 87, 100.--Garner, R., 1875a, 102 (in freshwater mussel).--Goldberg, O.F.P.F., [1855a], 15.--Gronkowski, C., 1902a, 522.--Hessling, T., 1856a, 165-166.--Hoyle, W.E., 1888a, 539, 540, fig. 4F.--Kathariner, L., 1895b, 138.--Keber, G.A.F., 1852a, 72.--Kniskern, V.B., 1952a, 253, 255-256.--Lacaze-Duthiers, F. J. H., 1854a, 294.--Leuckart, K.G.F. R., 1863a, 454, 495, 503, 512.--Looss, A., 1885b, 6; 1892a, 125; 1894a, 55, 252.--Luehe, M. F. L., 1909b, 22.--Lutz, A., 1922a, 78.--Manter, H. W., 1940a, 333, 335.--Mönnig, H.O., 1922a, 9, 17.--Monticelli, F. S., 1888a, 9, 77, 79, 80, 92, 94; 1893i, 6, 9, 10.--Moulinié, J.J., 1856a, 65, 121, 124.--Nagaty, H.F., 1937a, 8, 13, 14, 15, 17, 19.--Nicoll, W., 1914g, 489, 490, 491.--Odhner, T., 1905a, 293, 304.--Olsson, P., 1867a, 25, 26.--Ozaki, Y., 1924b, 174, 190, 194, 197, 199; 1928b, 36.--Pagenstecher, H. A., 1857a, 7, 10, 29, 52, 53.--Pintner, T., 1930d, 469.--Poche, F., 1907a, 125.--Pratt, H.S., 1916a, 180.--Sinitsin, D.F., 1909b, 299-325; 1931e, 800.--Spengel, J.W., 1905a, 258.--Srivastava, H.D., 1938j, 325.--Thoss, E., 1897a, 24, 50.--Uličný, J., 1878a, 214.--VanCleave, H.J.; & Mueller, J. F., 1934a, 185.--Ward, H. B., 1918a, 379.--Woodhead, A.E., 1927a, 232; 1928c, 149.--Woods, W.F., 1875a, 58-66, pls. 4-5.--Wunder, W., 1924a, 316. 319, 321, 323.--Ziegler, H.E., 1883b, 537-571, pls. 32-33, figs. 1-28; 1883a, 487-492; 1905b, 36.
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species Fischthal, J.H., 1950d, 112(Cottus bairdii, Wisconsin).
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basargini (Layman, 1930) Akhmerov, A.K., 1954d, 90-91(Oncorhynchus gorbuscha, Salvelinus malma; Kamchatka).
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I., [1937a], 127, 128, 129, 130, 131, 135, 137, 138 (Rutilus rutilus, Abramis brama, Tinca tinca, Blicca bjoerkna, Leuciscus idus, Esox lucius, Perca fluviatilis; Klyzama river); 1939a, 77-78 (Anodonta cygnea; Klyazma river).--Koval, V.P., 1949a, 205, 206, 207-208, fig. 2 (syn.: Gasterostomum fimbriatum Siebold, 1848) (Esox lucius, Lucioperca, Perca fluviatilis; Dnieper).--Koval, V. P.; & Pirianik, G. I., [1958a], 213 (shchuka [Esox lucius], okun [Perca fluviatilis], sudak [Lucioperca lucioperca]; southern Bug).--Kozicka, J., [1954a], 150-151; 1959a, 19-25, figs. 1a, 2-5 (syn.: B. markewitschi) (Blicca björkna; Družno Lake); 1959a, 25 (s. Lühe, 1909 & s. 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G., 1956a, 237 shchuka [Esox lucius], okun[Perca fluviatilis]; Irgiz-Turgay basin); 1957a, 135, 139, 140 (Esox lucius, Perca fluviatilis; Lake Kurgaldzhin); 1959a, 136 (central Kazakhstan); 1958a, 39 (Esox lucius, Perca fluviatilis; Nura river); 1960b, 178.--von Siebold, C. T. E., 1839b, 165; 1854, 14.--Stewart, C., 1875a, 1-2, pl. 107.--Sinitsin, D. F., 1911a, 26, 61, 63, fig. 2.--Smirnova, K. V., 1954b, 181, 182, 183, 184, 185, 187, 190, 194(Esox lucius, Rutilus r. heckeli, Leuciscus idus, Blicca bjoerkna, Abramis brama, Silurus glanis, Lucioperca lucioperca; Don river); [1958a], 233 (Clupea harengus membras; Lake Charkhal); 1959a, 124, 125, 127 (Cyprinus carpio; Tsimlianskoe reservoir).--Srivastava, H. D., 1938j, 325.--Steinberg, D., 1931a, 155.--Stoliarov, V. P., 1952a, 267 (Plotva, chekhon [Pelecus cultratus]; Rybinsk reservoir); 1954b, 162, 168(Alburnus alburnus; intestine, Leuciscus idus; gills, Abramis bramae, Perca fluviatilis; intestine, Esox lucius, Rutilus rutilus; gills; Carassius carassius; gills; Lucioperca lucioperca; intestine, Blicca bjoercna; gills, Tinca tinca; gills; Rybinsk reservoir); 1955a, 186 leshch [Abramis bramae], gustera[Blicca bjoerkna], sudak [Lucioperca lucioperca], ukleia[Alburnus alburnus], okun [Perca fluviatilis], chekhon [Pelecus cultratus], lin [Tinca tinca], plotva[Rutilus rutilus], nalim [Lota lota], iaz [Leuciscus idus], shchuka [Esox lucius]; lower Volga); 1960a, 1579(Pelecus cultratus; Rybinsk reservoir).--Szidat, L., 1924b, 252; 1926a, 19; 1929a, 683, 685; 1932b, 496; 1932d, 209; 1933c, 96, 98.--Tennent, D. H., 1906a, 638, 641, 643, 646, 655, 660, 662, 663, 678, 682.--Titova, S. 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S., 1957a, 1294 (okun [Perca fluviatilis], sudak [Lucioperca], ersh[Acerina cernua]; northern Dvina Basin); 1960a, 1741.--Lavrov, G.D., 1957a, 127 (Lucioperca volgensis, Perca fluviatilis; Volga).--Layman, E.M., 1932a, 96; 1940a, 173-180 (life cycle).--Markevich, A. P., 1934b, 33, 34, fig. 18.--Markova, T.G., 1958a, 1804 (pike; Oka river).--Matevosian, E.M.; Petrochenko, V.I.; & Garizhskaia, N. N., 1959a, 160 (okun [Perca fluviatilis]; intestine; Volga).--Mathias, P., 1925a, 112, 114.--Michalovič, M., 1954a, 71.--Milicer, W., 1938a, 99, 106-107, table 2 (Esox lucius, Perca fluviatilis; alimentary canal; Wigry-Sees).--Miller, M.J., 1940c, 428.--Mödlinger, G., 1925a, 170.--Nagibina, L.F., [1958a], 134, 139 (Perca fluviatilis, Acerina cernua; new Vygozera).--Palii, M. 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